

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072921\  
 Data File : VX023502.D  
 Acq On : 28 Jul 2021 20:06  
 Operator : JC/MD  
 Sample : VX0729WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jul 29 03:16:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X072921W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Jul 29 03:13:17 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 4.910  | 128   | 37361    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.769  | 114   | 204370   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 10.055 | 117   | 183871   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 5.964  | 65    | 82369    | 29.029   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 96.767%  |
| 60) 4-Bromofluorobenzene     | 11.085 | 95    | 87396    | 29.411   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 98.033%  |
| 63) Toluene-d8               | 8.653  | 98    | 253585   | 30.571   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 101.900% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.173  | 85    | 39358    | 18.026   | ug/l   | 99       |
| 3) Chloromethane             | 1.295  | 50    | 44729    | 18.171   | ug/l   | 97       |
| 4) Vinyl Chloride            | 1.374  | 62    | 43944    | 17.866   | ug/l   | 100      |
| 5) Bromomethane              | 1.605  | 94    | 31911    | 21.402   | ug/l   | 98       |
| 6) Chloroethane              | 1.685  | 64    | 27763    | 18.112   | ug/l   | 95       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 68450    | 17.489   | ug/l   | 92       |
| 8) Diethyl Ether             | 2.142  | 74    | 24341    | 17.235   | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 38121    | 17.413   | ug/l   | 99       |
| 10) 1,1-Dichloroethene       | 2.325  | 96    | 38129    | 18.032   | ug/l   | 89       |
| 11) Methyl Iodide            | 2.453  | 142   | 47290    | 15.949   | ug/l   | 98       |
| 12) Methyl Acetate           | 2.715  | 43    | 56898    | 17.838   | ug/l   | 97       |
| 13) Acrolein                 | 2.239  | 56    | 29619    | 80.433   | ug/l   | 100      |
| 14) Acrylonitrile            | 3.075  | 53    | 126389   | 88.548   | ug/l   | 98       |
| 15) Acetone                  | 2.386  | 58    | 35153    | 86.854   | ug/l   | 94       |
| 16) Carbon Disulfide         | 2.514  | 76    | 83939    | 16.560   | ug/l   | 99       |
| 17) Allyl chloride           | 2.666  | 41    | 66315    | 17.104   | ug/l   | 97       |
| 18) Methylene Chloride       | 2.794  | 84    | 44901    | 17.803   | ug/l   | 98       |
| 19) trans-1,2-Dichloroethene | 3.093  | 96    | 40177    | 17.719   | ug/l   | 97       |
| 20) Diisopropyl ether        | 3.776  | 45    | 138543   | 17.712   | ug/l   | 88       |
| 21) 1,1-Dichloroethane       | 3.617  | 63    | 74896    | 17.641   | ug/l   | 100      |
| 22) cis-1,2-Dichloroethene   | 4.495  | 96    | 46987    | 17.527   | ug/l   | 98       |
| 23) tert-Butyl Alcohol       | 2.971  | 59    | 59090    | 94.000   | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 3.123  | 73    | 132287   | 17.572   | ug/l   | 99       |
| 25) Chloroform               | 5.105  | 83    | 76965    | 17.519   | ug/l   | 96       |
| 26) Cyclohexane              | 5.477  | 56    | 67359    | 17.130   | ug/l # | 97       |
| 29) 1,1-Dichloropropene      | 5.702  | 75    | 55653    | 17.791   | ug/l   | 98       |
| 30) 2-Butanone               | 4.568  | 43    | 183646   | 89.561   | ug/l   | 99       |
| 31) 2,2-Dichloropropane      | 4.483  | 77    | 53752    | 15.876   | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 5.397  | 97    | 65203    | 17.697   | ug/l   | 99       |
| 33) Carbon Tetrachloride     | 5.690  | 117   | 56529    | 17.697   | ug/l   | 95       |
| 34) Benzene                  | 6.044  | 78    | 169662   | 18.280   | ug/l   | 97       |
| 35) Methacrylonitrile        | 4.928  | 41    | 36864    | 17.810   | ug/l   | 97       |
| 36) 1,2-Dichloroethane       | 6.099  | 62    | 62129    | 17.676   | ug/l   | 99       |
| 37) Trichloroethene          | 7.135  | 130   | 45810    | 18.189   | ug/l   | 95       |
| 38) Methylcyclohexane        | 7.385  | 83    | 69411    | 17.549   | ug/l   | 99       |
| 39) 1,2-Dichloropropane      | 7.440  | 63    | 44527    | 18.358   | ug/l   | 99       |
| 40) Dibromomethane           | 7.586  | 93    | 31315    | 18.652   | ug/l   | 97       |
| 41) Bromodichloromethane     | 7.830  | 83    | 52942    | 17.399   | ug/l   | 97       |
| 42) Vinyl Acetate            | 3.733  | 43    | 608169   | 90.466   | ug/l   | 100      |

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 Operator : JC/MD  
 Sample : VX0729WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

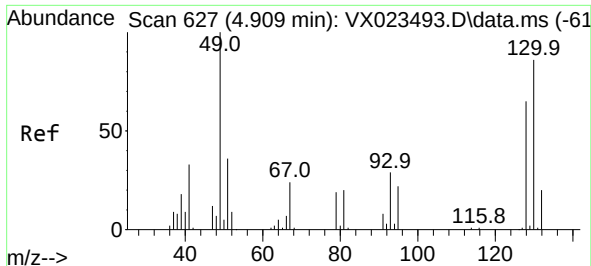
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 ClientSampleId :

Quant Time: Jul 29 03:16:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X072921W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Jul 29 03:13:17 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 43) Ethyl Acetate             | 4.727  | 43   | 71111    | 18.259  | ug/l  | 100      |
| 44) Isopropyl Acetate         | 6.348  | 43   | 109716   | 17.798  | ug/l  | 100      |
| 45) 1,4-Dioxane               | 7.665  | 88   | 23719    | 376.944 | ug/l  | 95       |
| 46) Methyl methacrylate       | 7.702  | 41   | 52088    | 17.568  | ug/l  | 96       |
| 47) n-amyl Acetate            | 10.848 | 43   | 92284    | 17.873  | ug/l  | 99       |
| 48) t-1,3-Dichloropropene     | 8.982  | 75   | 58691    | 16.512  | ug/l  | 99       |
| 49) cis-1,3-Dichloropropene   | 8.373  | 75   | 65334    | 17.204  | ug/l  | 97       |
| 50) 1,1,2-Trichloroethane     | 9.159  | 97   | 44894    | 18.200  | ug/l  | 97       |
| 51) Ethyl methacrylate        | 9.122  | 69   | 68804    | 17.303  | ug/l  | 98       |
| 52) 1,3-Dichloropropane       | 9.311  | 76   | 74196    | 18.116  | ug/l  | 100      |
| 53) Dibromochloromethane      | 9.525  | 129  | 40437    | 16.876  | ug/l  | 99       |
| 54) 1,2-Dibromoethane         | 9.616  | 107  | 46066    | 17.630  | ug/l  | 97       |
| 55) 2-Chloroethyl vinyl ether | 8.245  | 63   | 177484   | 90.133  | ug/l  | 99       |
| 56) Bromoform                 | 10.805 | 173  | 29042    | 17.151  | ug/l  | 99       |
| 58) 4-Methyl-2-Pentanone      | 8.580  | 43   | 364827   | 94.889  | ug/l  | 100      |
| 59) 2-Hexanone                | 9.433  | 43   | 286044   | 96.249  | ug/l  | 100      |
| 61) Tetrachloroethene         | 9.275  | 164  | 44639    | 18.608  | ug/l  | 96       |
| 62) Toluene                   | 8.720  | 91   | 186740   | 18.367  | ug/l  | 99       |
| 64) Chlorobenzene             | 10.086 | 112  | 115455   | 18.234  | ug/l  | 98       |
| 65) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 41327    | 18.229  | ug/l  | 99       |
| 66) Ethyl Benzene             | 10.195 | 91   | 204125   | 18.176  | ug/l  | 99       |
| 67) m/p-Xylenes               | 10.305 | 106  | 157292   | 36.810  | ug/l  | 98       |
| 68) o-Xylene                  | 10.647 | 106  | 78046    | 18.378  | ug/l  | 97       |
| 69) Styrene                   | 10.659 | 104  | 123973   | 18.018  | ug/l  | 99       |
| 70) Isopropylbenzene          | 10.964 | 105  | 200966   | 18.172  | ug/l  | 98       |
| 71) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 68029    | 19.182  | ug/l  | 98       |
| 72) 1,2,3-Trichloropropane    | 11.244 | 75   | 78265    | 23.726  | ug/l  | 88       |
| 73) Bromobenzene              | 11.201 | 156  | 49974    | 18.214  | ug/l  | 97       |
| 74) n-propylbenzene           | 11.305 | 91   | 227343   | 17.806  | ug/l  | 99       |
| 75) 2-Chlorotoluene           | 11.366 | 91   | 135701   | 17.738  | ug/l  | 99       |
| 76) 1,3,5-Trimethylbenzene    | 11.457 | 105  | 164739   | 17.903  | ug/l  | 100      |
| 77) t-1,4-Dichloro-2-butene   | 11.024 | 75   | 18899    | 16.464  | ug/l  | 96       |
| 78) 4-Chlorotoluene           | 11.457 | 91   | 152097   | 17.709  | ug/l  | 100      |
| 79) tert-butylbenzene         | 11.719 | 119  | 160637   | 17.939  | ug/l  | 99       |
| 80) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 165840   | 18.291  | ug/l  | 99       |
| 81) sec-Butylbenzene          | 11.896 | 105  | 204360   | 17.859  | ug/l  | 99       |
| 82) p-Isopropyltoluene        | 12.012 | 119  | 166602   | 17.635  | ug/l  | 100      |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 86945    | 17.891  | ug/l  | 99       |
| 84) 1,4-Dichlorobenzene       | 12.043 | 146  | 85450    | 17.691  | ug/l  | 99       |
| 85) n-Butylbenzene            | 12.335 | 91   | 145639   | 17.434  | ug/l  | 99       |
| 86) Hexachloroethane          | 12.543 | 117  | 24815    | 16.677  | ug/l  | 99       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 86289    | 18.446  | ug/l  | 98       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 12596    | 16.493  | ug/l  | 98       |
| 89) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 47992    | 16.514  | ug/l  | 99       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 22719    | 17.548  | ug/l  | 98       |
| 91) Naphthalene               | 13.780 | 128  | 178273   | 17.642  | ug/l  | 100      |
| 92) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 50503    | 17.173  | ug/l  | 99       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

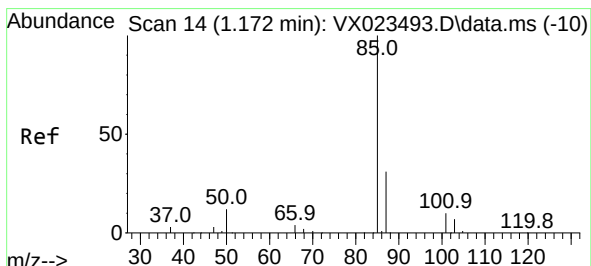
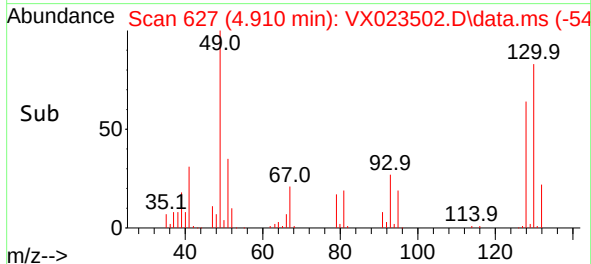
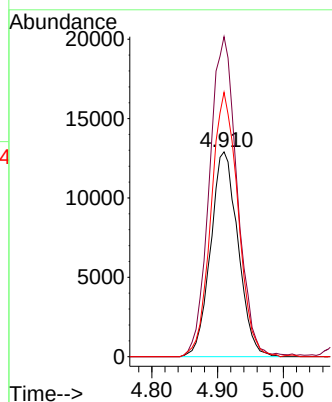
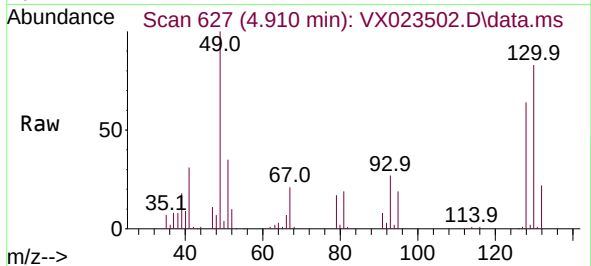




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.910 min Scan# 627  
Delta R.T. 0.001 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

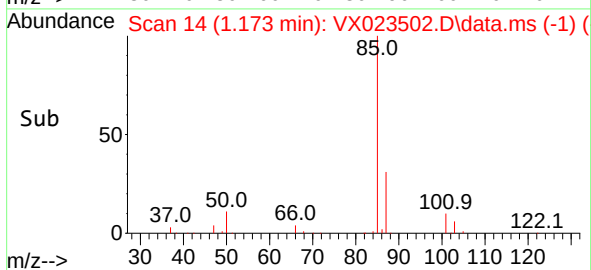
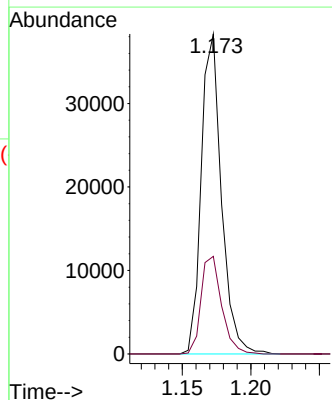
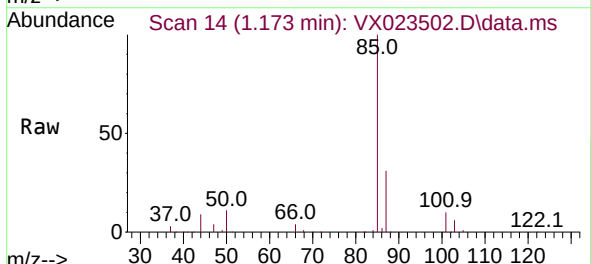
Instrument :  
MSVOA\_X  
ClientSampled :

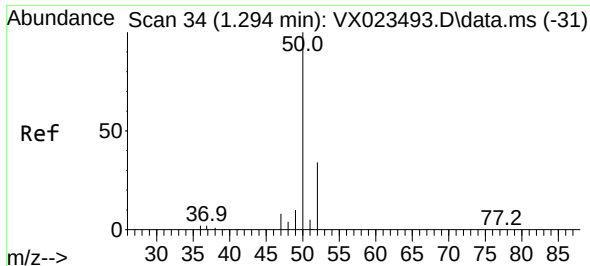
Tgt Ion:128 Resp: 37361  
Ion Ratio Lower Upper  
128 100  
49 158.1 0.0 402.5  
130 127.4 0.0 326.5



#2  
Dichlorodifluoromethane  
Concen: 18.026 ug/l  
RT: 1.173 min Scan# 14  
Delta R.T. 0.001 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion: 85 Resp: 39358  
Ion Ratio Lower Upper  
85 100  
87 30.5 15.6 46.8

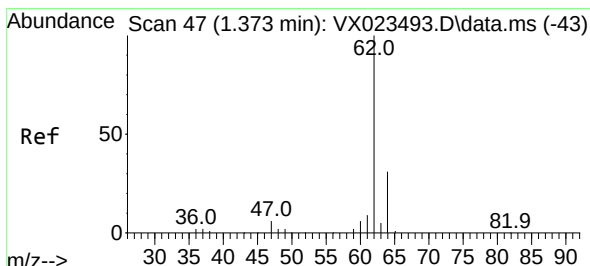
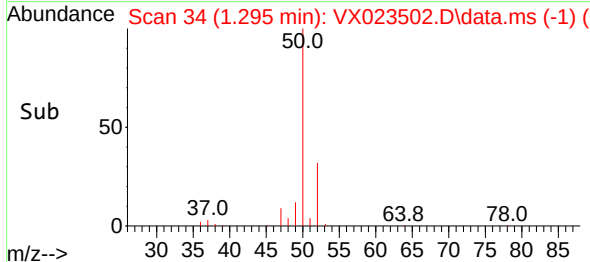
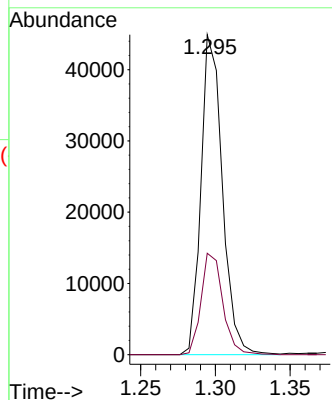
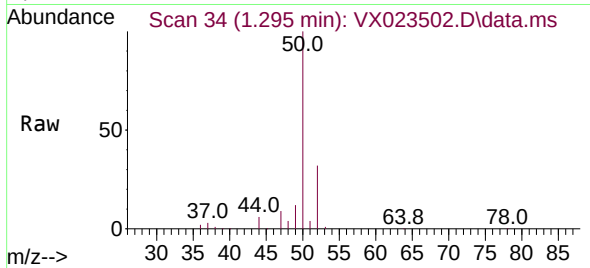




#3  
Chloromethane  
Concen: 18.171 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. 0.001 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

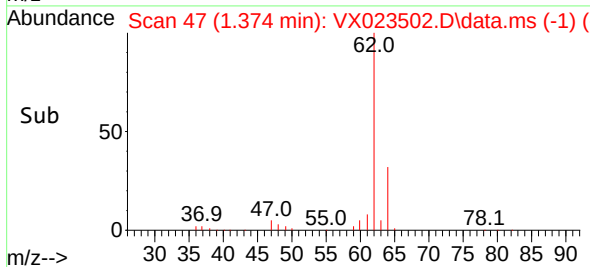
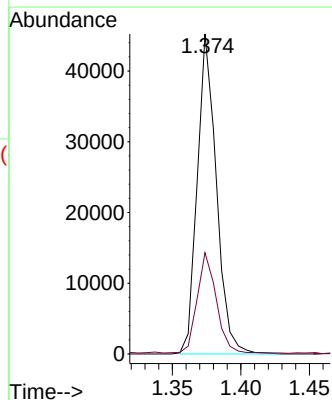
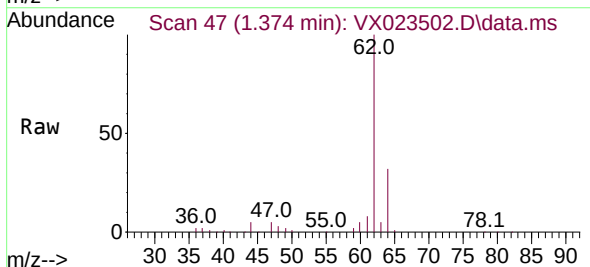
Instrument :  
MSVOA\_X  
ClientSampled :

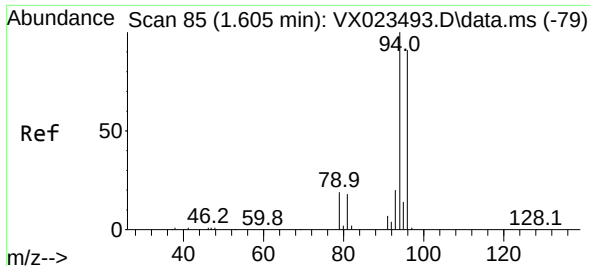
Tgt Ion: 50 Resp: 44729  
Ion Ratio Lower Upper  
50 100  
52 31.7 26.9 40.3



#4  
Vinyl Chloride  
Concen: 17.866 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.001 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion: 62 Resp: 43944  
Ion Ratio Lower Upper  
62 100  
64 31.3 25.0 37.4

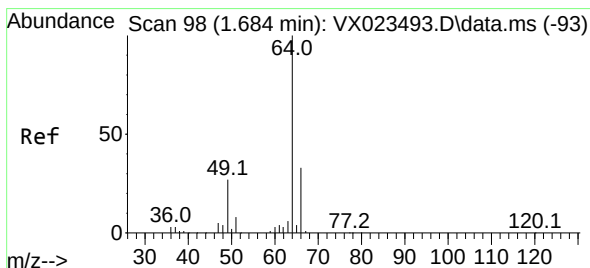
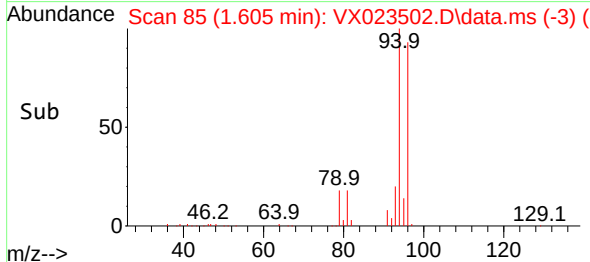
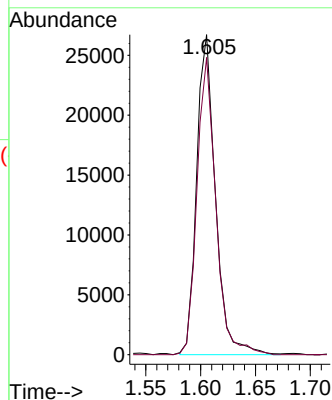
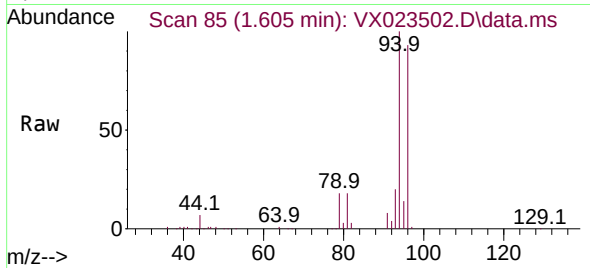




#5  
Bromomethane  
Concen: 21.402 ug/l  
RT: 1.605 min Scan# 85  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

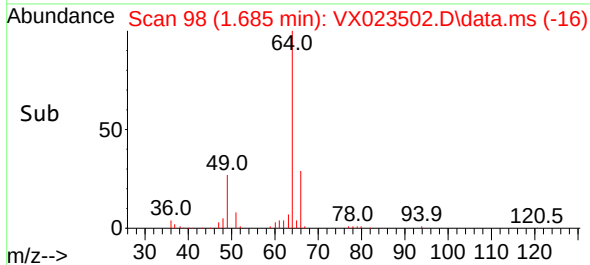
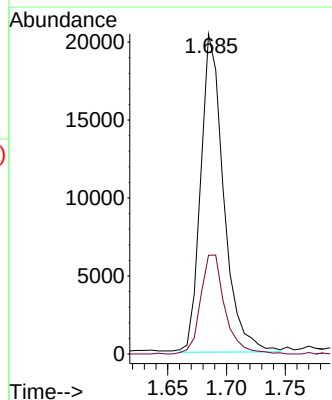
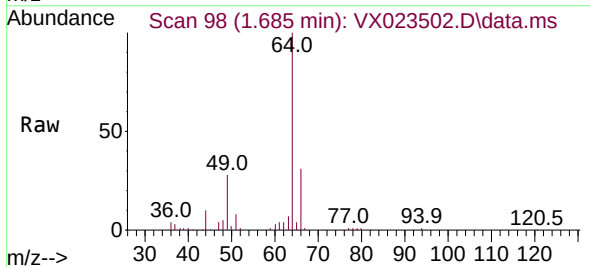
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MSVOA\_X  
ClientSampleId :

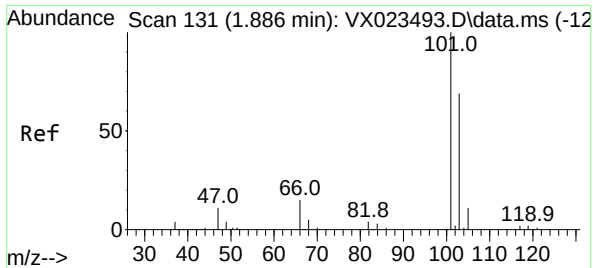
Tgt Ion: 94 Resp: 31911  
Ion Ratio Lower Upper  
94 100  
96 93.1 72.8 109.2



#6  
Chloroethane  
Concen: 18.112 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. 0.001 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion: 64 Resp: 27763  
Ion Ratio Lower Upper  
64 100  
66 30.9 26.8 40.2

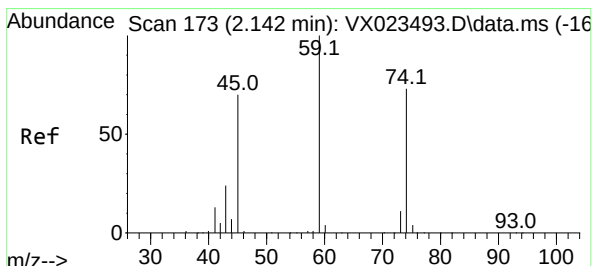
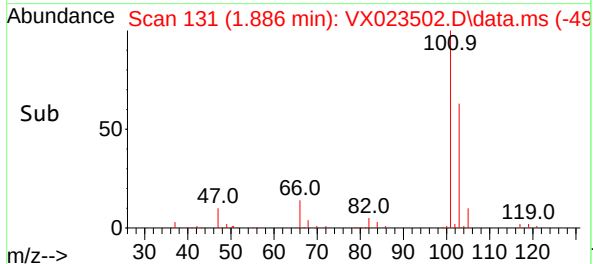
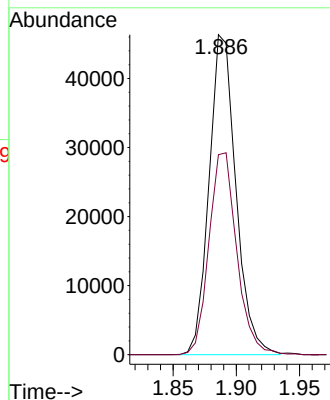
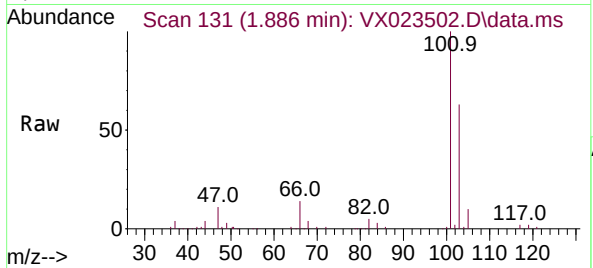




#7  
 Trichlorofluoromethane  
 Concen: 17.489 ug/l  
 RT: 1.886 min Scan# 131  
 Delta R.T. -0.000 min  
 Lab File: VX023502.D  
 Acq: 28 Jul 2021 20:06

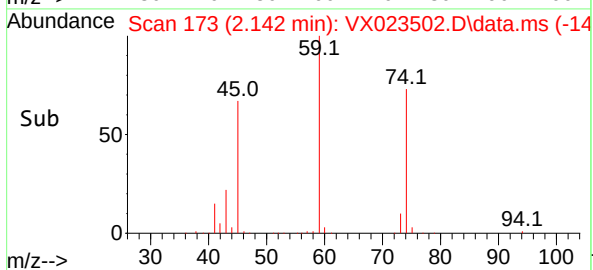
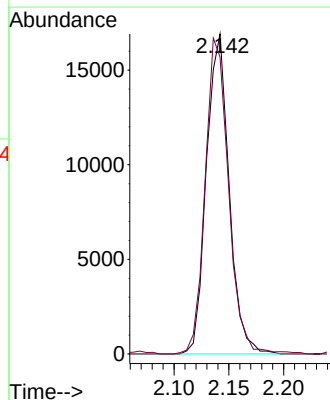
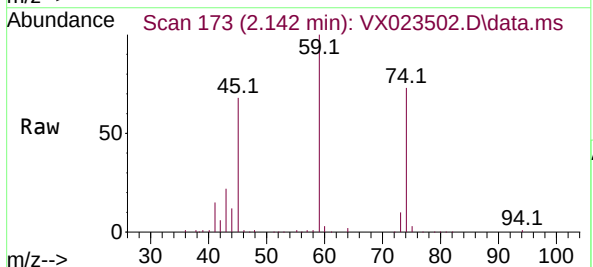
Instrument :  
 MSVOA\_X  
 ClientSampled :

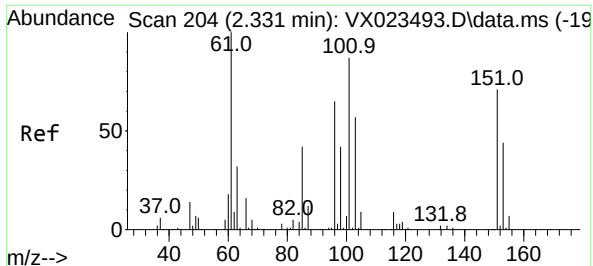
Tgt Ion:101 Resp: 68450  
 Ion Ratio Lower Upper  
 101 100  
 103 62.4 55.0 82.6



#8  
 Diethyl Ether  
 Concen: 17.235 ug/l  
 RT: 2.142 min Scan# 173  
 Delta R.T. -0.000 min  
 Lab File: VX023502.D  
 Acq: 28 Jul 2021 20:06

Tgt Ion: 74 Resp: 24341  
 Ion Ratio Lower Upper  
 74 100  
 45 100.4 19.9 179.1

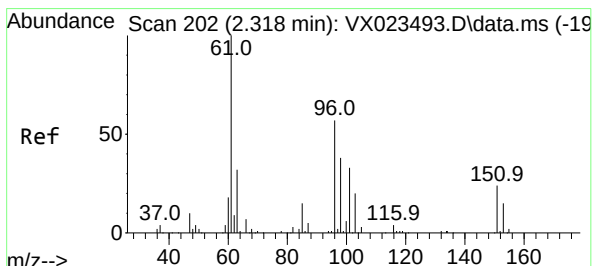
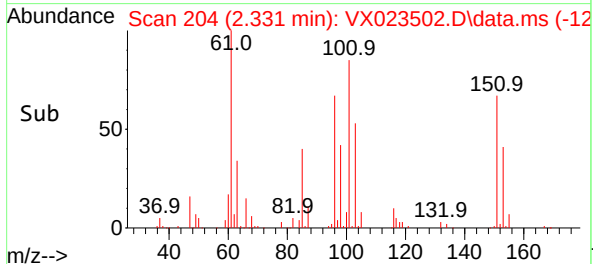
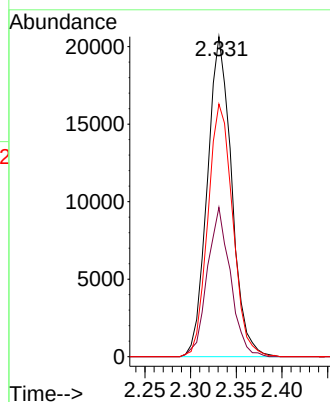
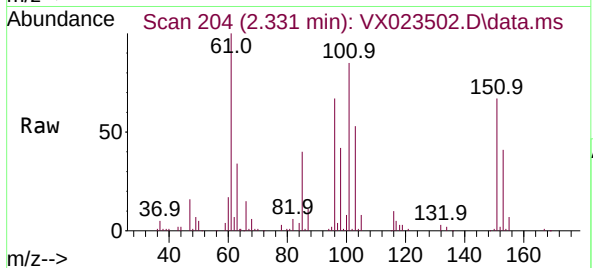




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 17.413 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

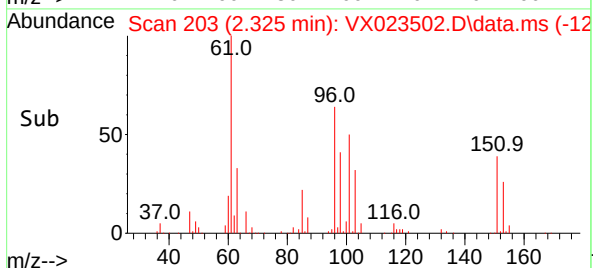
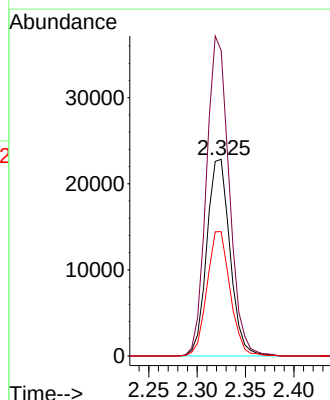
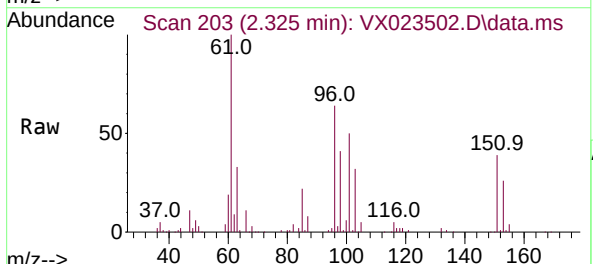
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:101 Resp: 38121  
Ion Ratio Lower Upper  
101 100  
85 44.3 0.0 91.4  
151 80.9 0.0 160.0

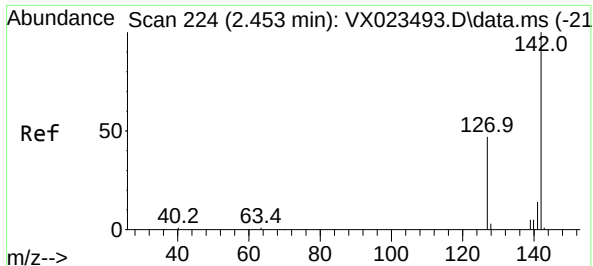


#10  
1,1-Dichloroethene  
Concen: 18.032 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.007 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion: 96 Resp: 38129  
Ion Ratio Lower Upper  
96 100  
61 155.4 140.3 210.5  
98 63.2 52.8 79.2

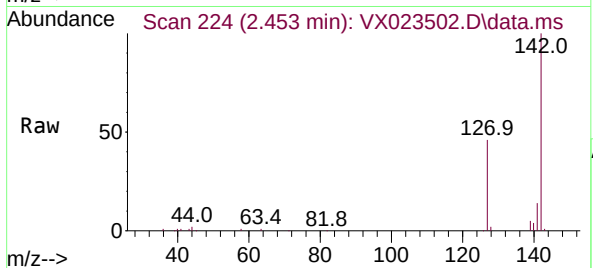




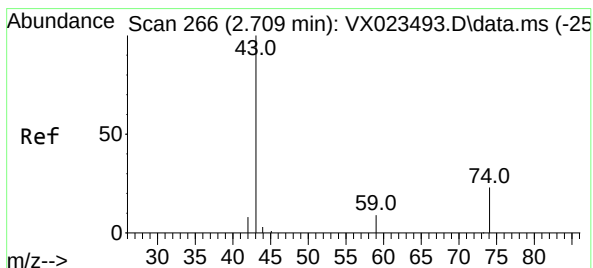
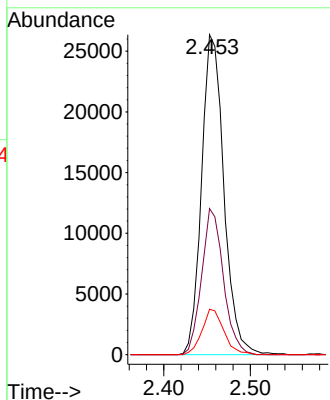
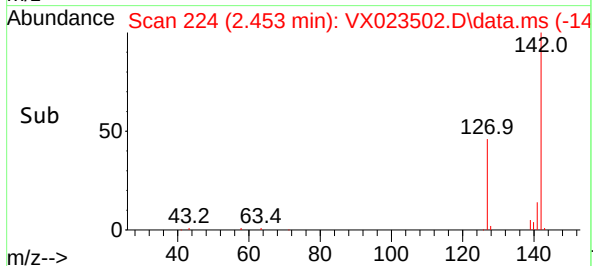


#11  
Methyl Iodide  
Concen: 15.949 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

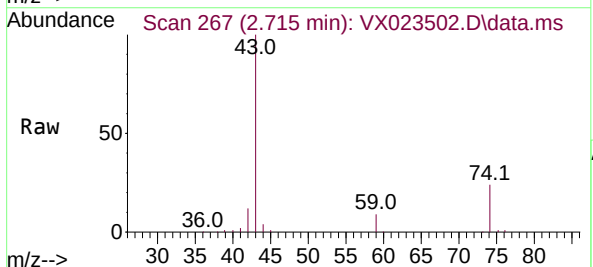
Instrument :  
MSVOA\_X  
ClientSampled :



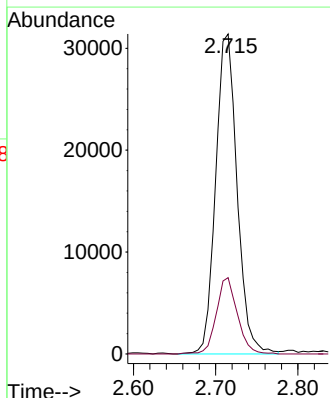
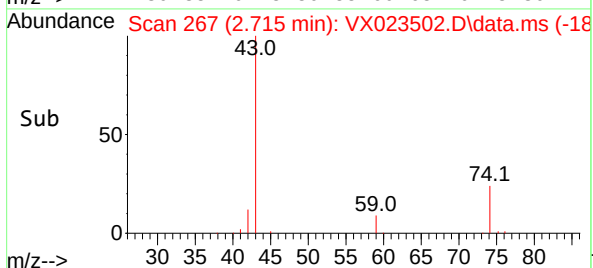
Tgt Ion:142 Resp: 47290  
Ion Ratio Lower Upper  
142 100  
127 45.7 23.6 71.0  
141 14.2 7.1 21.3

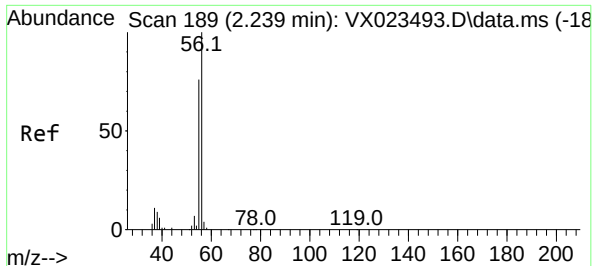


#12  
Methyl Acetate  
Concen: 17.838 ug/l  
RT: 2.715 min Scan# 267  
Delta R.T. 0.006 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06



Tgt Ion: 43 Resp: 56898  
Ion Ratio Lower Upper  
43 100  
74 23.9 18.2 27.2

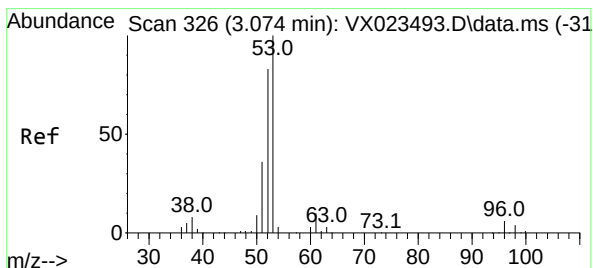
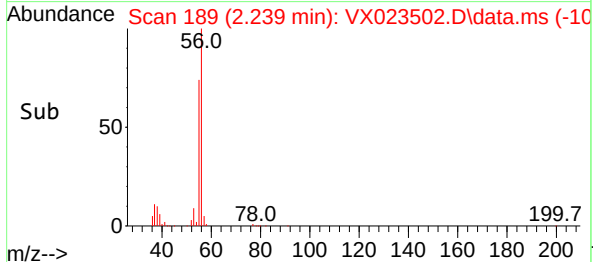
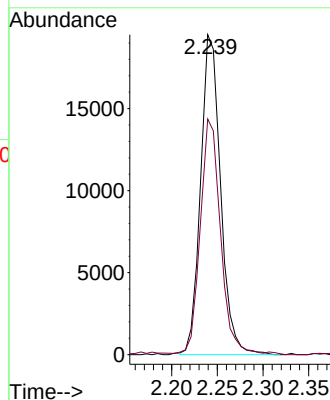
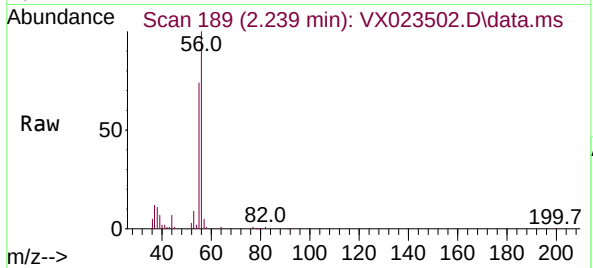




#13  
Acrolein  
Concen: 80.433 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

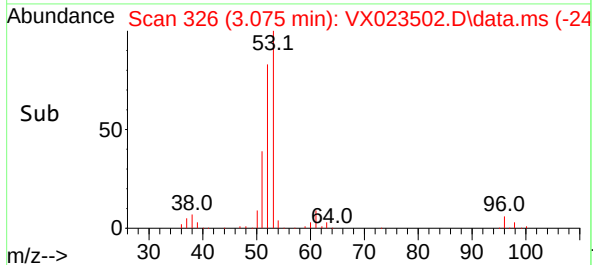
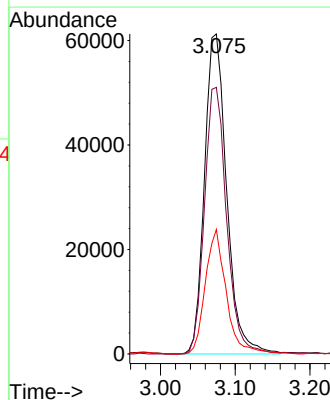
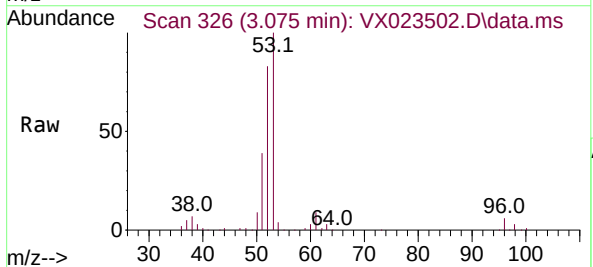
Instrument :  
MSVOA\_X  
ClientSampled :

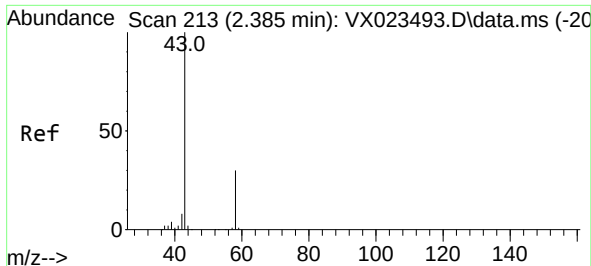
Tgt Ion: 56 Resp: 29619  
Ion Ratio Lower Upper  
56 100  
55 74.7 59.5 89.3



#14  
Acrylonitrile  
Concen: 88.548 ug/l  
RT: 3.075 min Scan# 326  
Delta R.T. 0.001 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion: 53 Resp: 126389  
Ion Ratio Lower Upper  
53 100  
52 83.1 40.4 121.2  
51 36.7 18.1 54.1

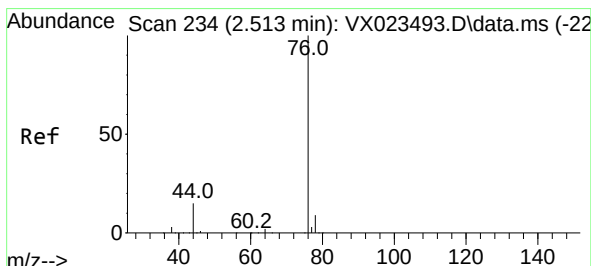
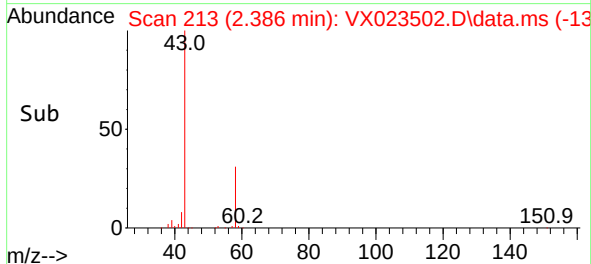
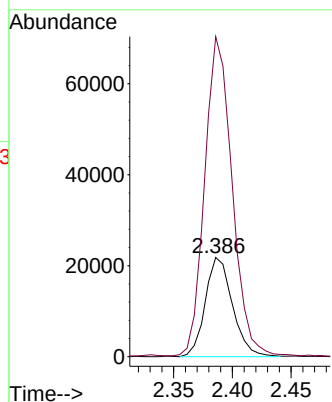
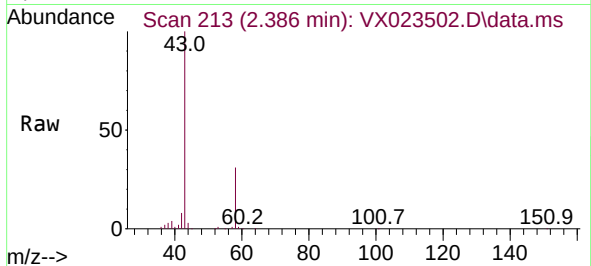




#15  
Acetone  
Concen: 86.854 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.001 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

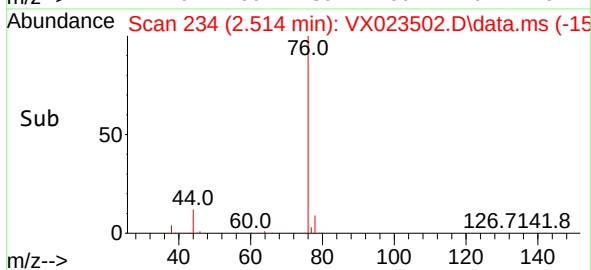
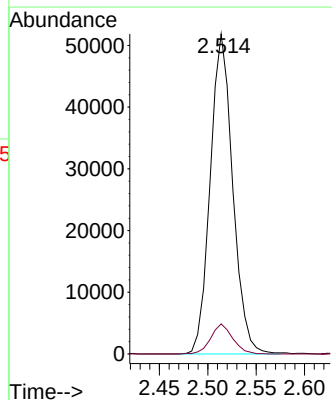
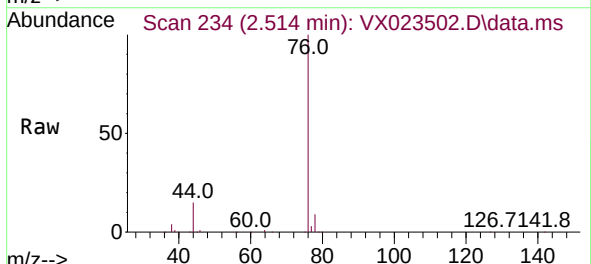
Instrument :  
MSVOA\_X  
ClientSampleId :

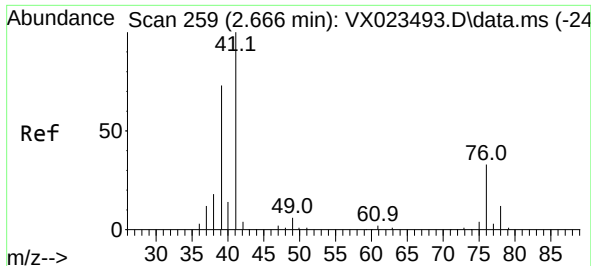
Tgt Ion: 58 Resp: 35153  
Ion Ratio Lower Upper  
58 100  
43 320.5 266.6 400.0



#16  
Carbon Disulfide  
Concen: 16.560 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. 0.001 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion: 76 Resp: 83939  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.3 10.9





#17

Allyl chloride

Concen: 17.104 ug/l

RT: 2.666 min Scan# 259

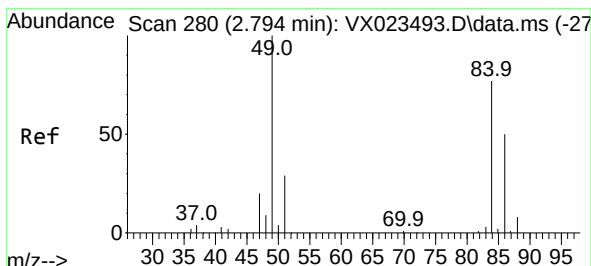
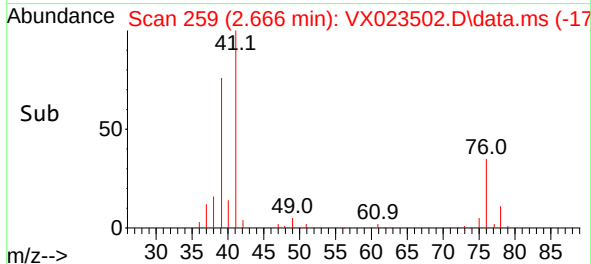
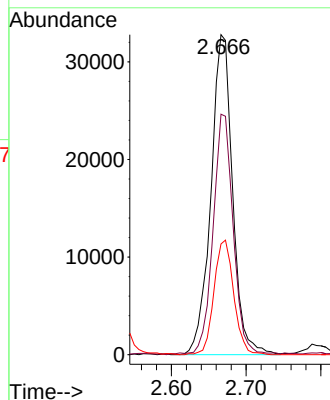
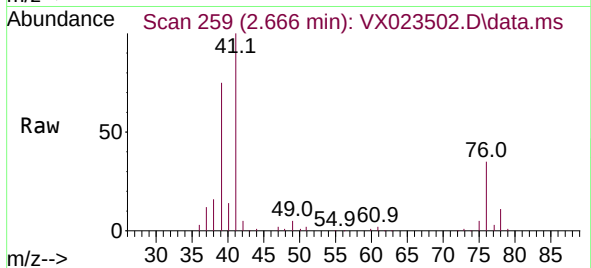
Delta R.T. 0.000 min

Lab File: VX023502.D

Acq: 28 Jul 2021 20:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 66315 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 74.9  | 36.4  | 109.3 |
| 76       | 34.6  | 16.6  | 49.7  |

Instrument :  
MSVOA\_X  
ClientSampleId :



#18

Methylene Chloride

Concen: 17.803 ug/l

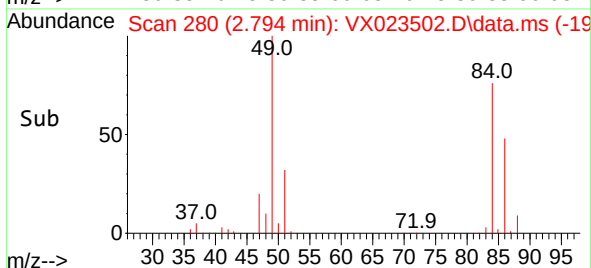
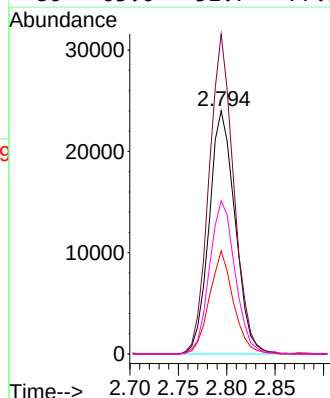
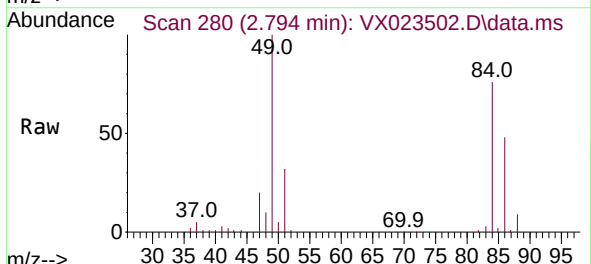
RT: 2.794 min Scan# 280

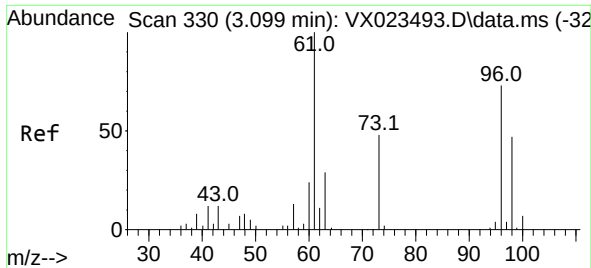
Delta R.T. 0.000 min

Lab File: VX023502.D

Acq: 28 Jul 2021 20:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 44901 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 131.7 | 104.3 | 156.5 |
| 51       | 42.4  | 30.3  | 45.5  |
| 86       | 63.0  | 51.7  | 77.5  |

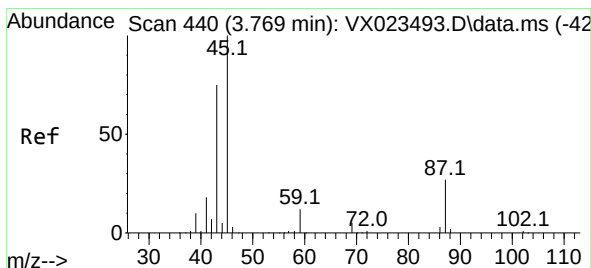
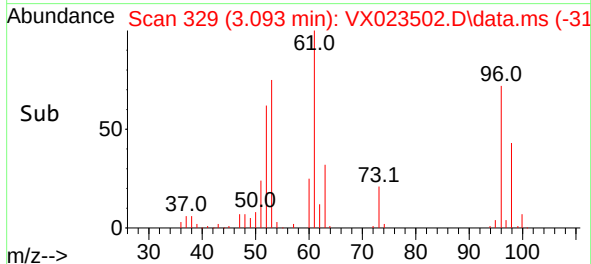
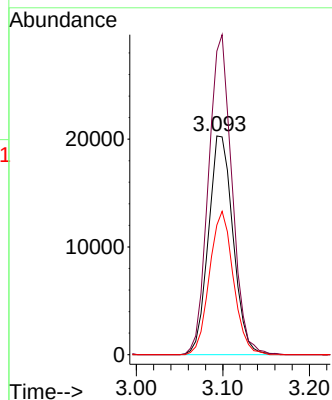
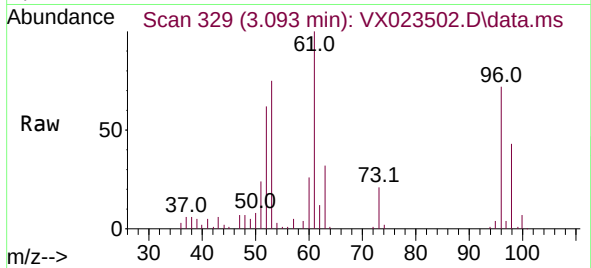




#19  
trans-1,2-Dichloroethene  
Concen: 17.719 ug/l  
RT: 3.093 min Scan# 329  
Delta R.T. -0.006 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

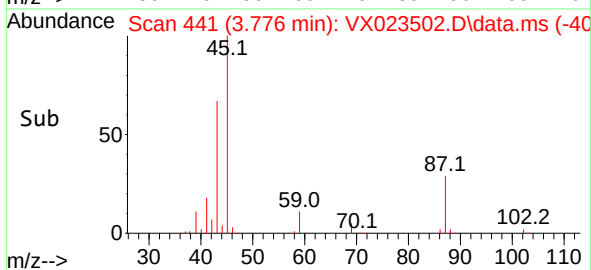
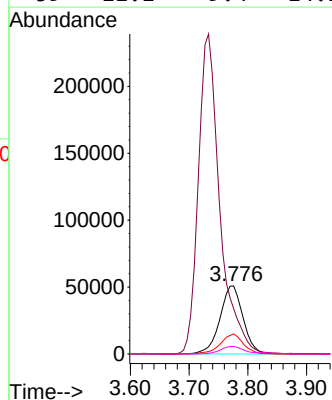
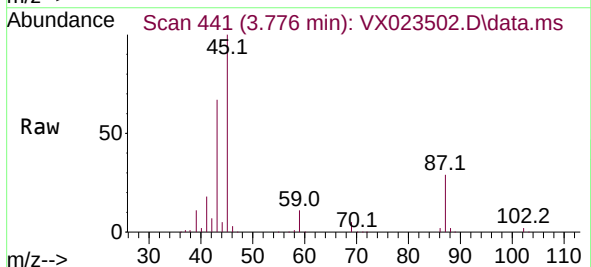
Instrument :  
MSVOA\_X  
ClientSampled :

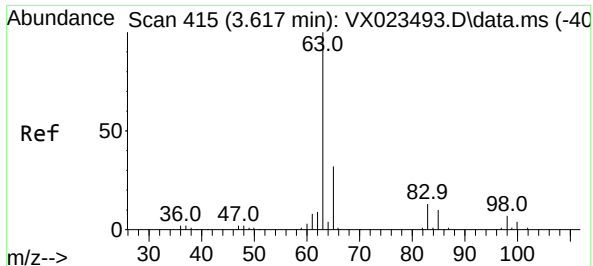
Tgt Ion: 96 Resp: 40177  
Ion Ratio Lower Upper  
96 100  
61 138.7 109.2 163.8  
98 59.2 50.8 76.2



#20  
Diisopropyl ether  
Concen: 17.712 ug/l  
RT: 3.776 min Scan# 441  
Delta R.T. 0.007 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion: 45 Resp: 138543  
Ion Ratio Lower Upper  
45 100  
43 65.7 63.8 95.6  
87 29.5 21.8 32.6  
59 11.1 9.4 14.2





#21

1,1-Dichloroethane

Concen: 17.641 ug/l

RT: 3.617 min Scan# 415

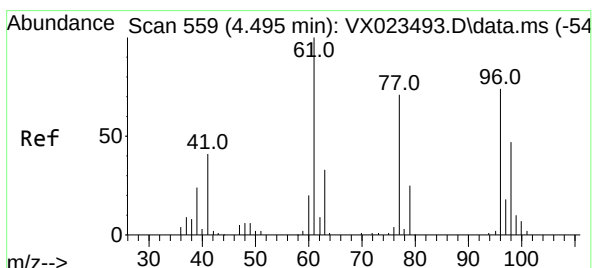
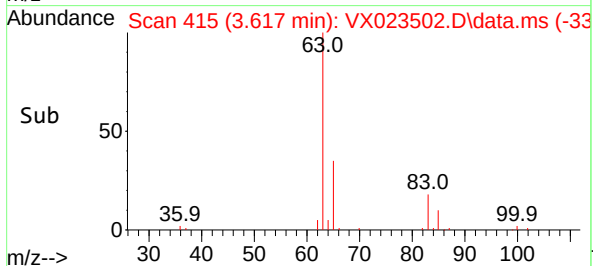
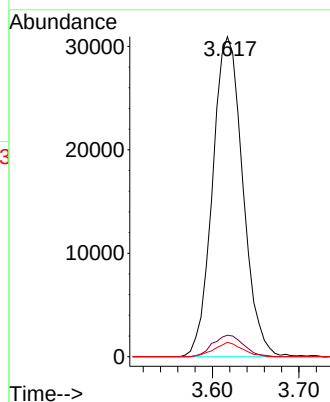
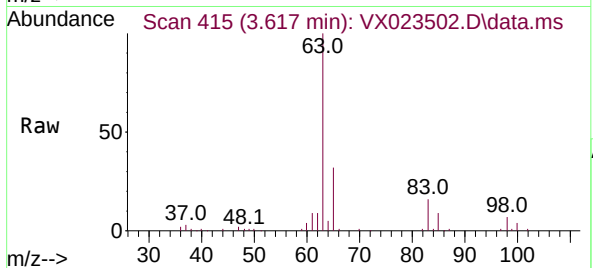
Delta R.T. 0.000 min

Lab File: VX023502.D

Acq: 28 Jul 2021 20:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 63    | Resp: | 74896 |
| Ion Ratio | Lower | Upper |       |
| 63        | 100   |       |       |
| 98        | 6.7   | 3.4   | 10.1  |
| 100       | 4.5   | 2.1   | 6.2   |

Instrument :  
MSVOA\_X  
ClientSampled :



#22

cis-1,2-Dichloroethene

Concen: 17.527 ug/l

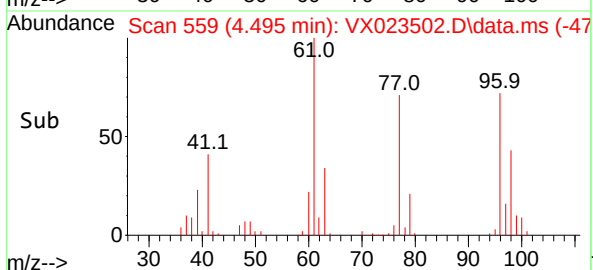
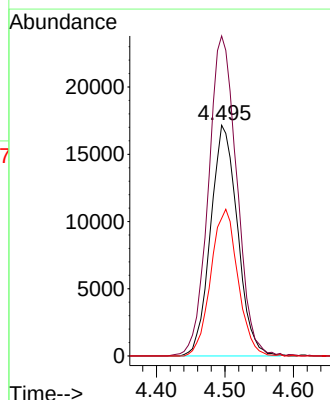
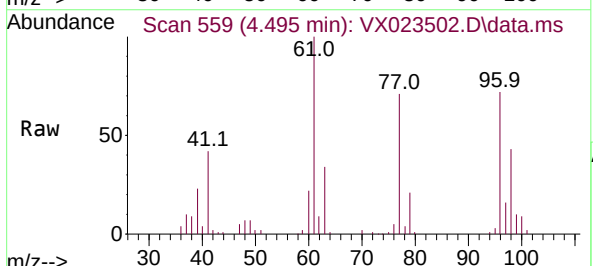
RT: 4.495 min Scan# 559

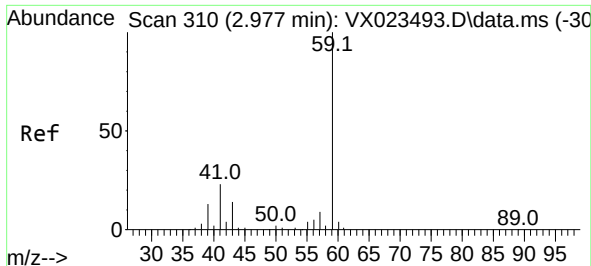
Delta R.T. 0.000 min

Lab File: VX023502.D

Acq: 28 Jul 2021 20:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 46987 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 145.5 | 114.5 | 171.7 |
| 98        | 63.6  | 51.3  | 76.9  |

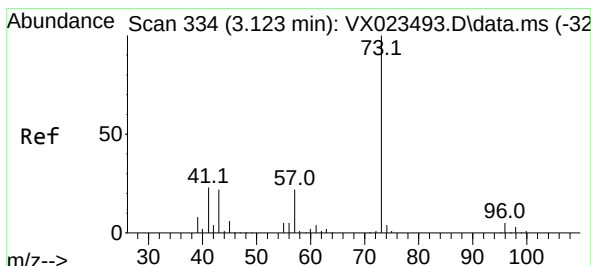
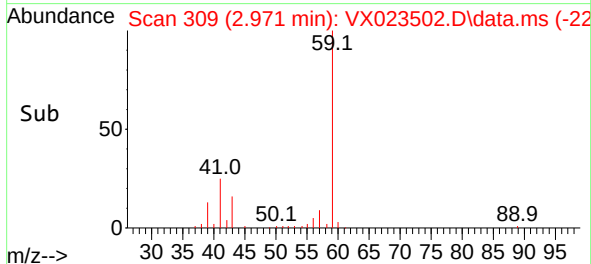
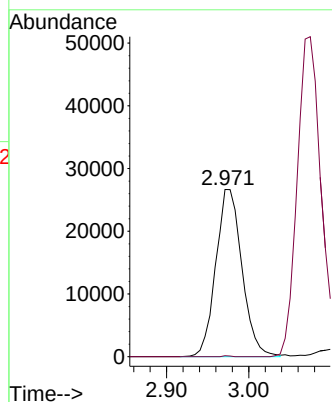
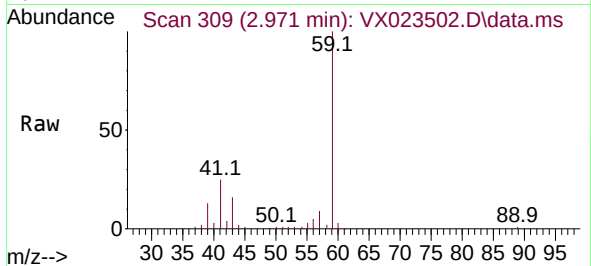




#23  
tert-Butyl Alcohol  
Concen: 94.000 ug/l  
RT: 2.971 min Scan# 309  
Delta R.T. -0.006 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

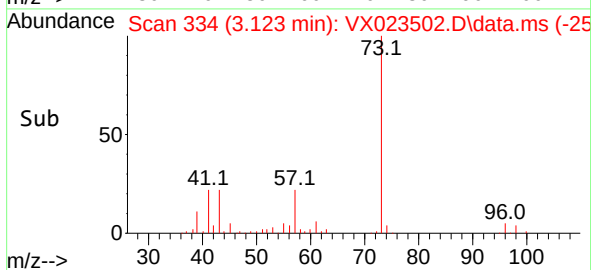
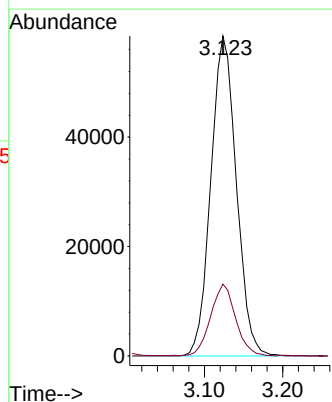
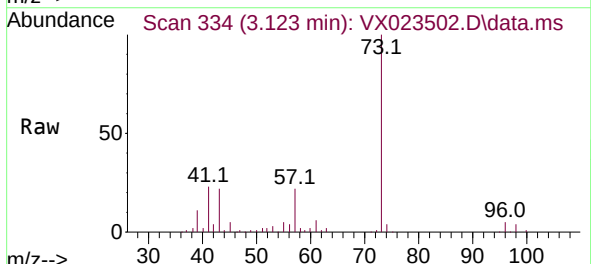
Instrument :  
MSVOA\_X  
ClientSampled :

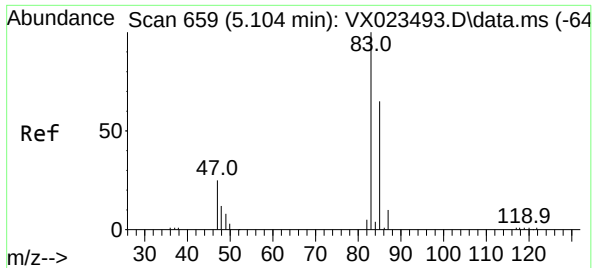
Tgt Ion: 59 Resp: 59090  
Ion Ratio Lower Upper  
59 100  
52 0.2 0.1 0.1#



#24  
Methyl tert-Butyl Ether  
Concen: 17.572 ug/l  
RT: 3.123 min Scan# 334  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion: 73 Resp: 132287  
Ion Ratio Lower Upper  
73 100  
43 22.0 17.9 26.9

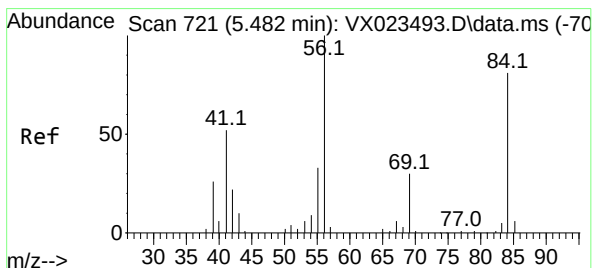
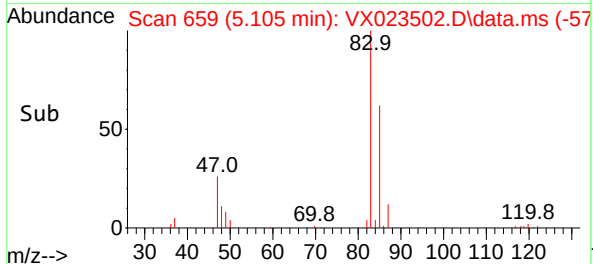
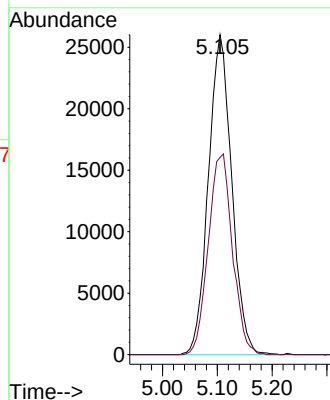
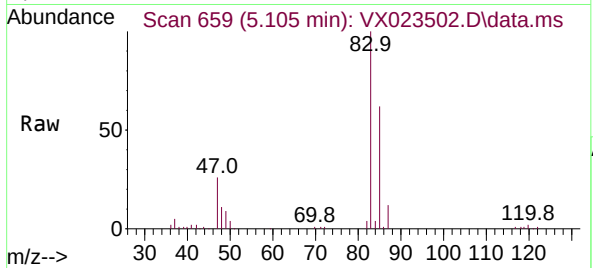




#25  
Chloroform  
Concen: 17.519 ug/l  
RT: 5.105 min Scan# 659  
Delta R.T. 0.001 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

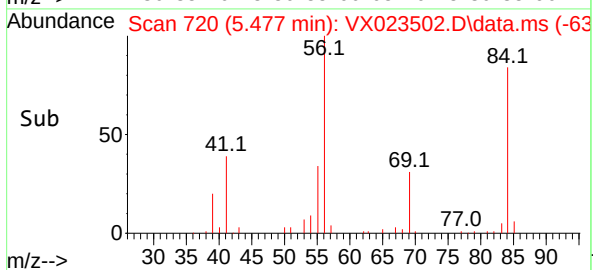
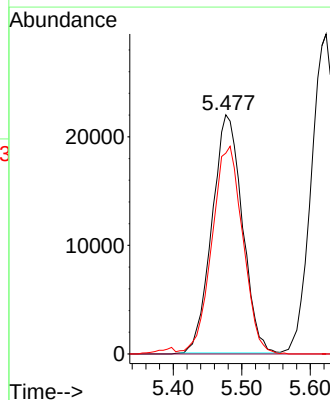
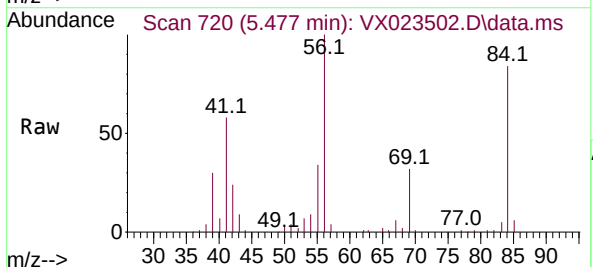
Instrument :  
MSVOA\_X  
ClientSampled :

Tgt Ion: 83 Resp: 76965  
Ion Ratio Lower Upper  
83 100  
85 61.6 51.8 77.8

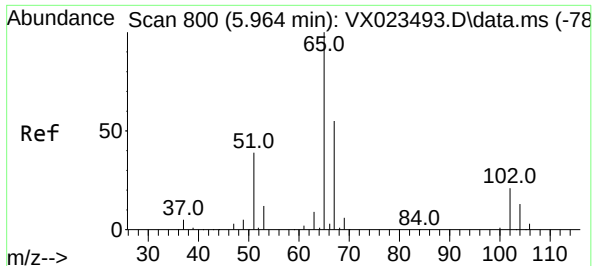


#26  
Cyclohexane  
Concen: 17.130 ug/l  
RT: 5.477 min Scan# 720  
Delta R.T. -0.005 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion: 56 Resp: 67359  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 89.1 69.0 103.6





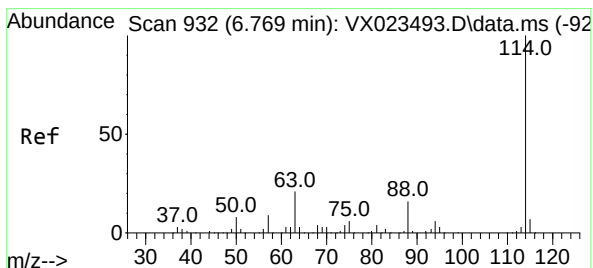
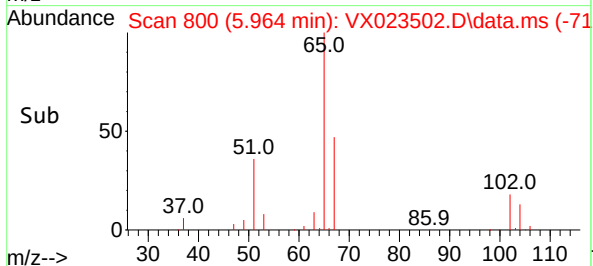
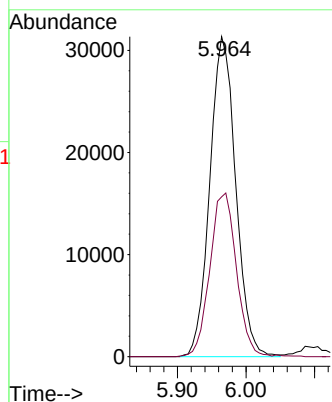
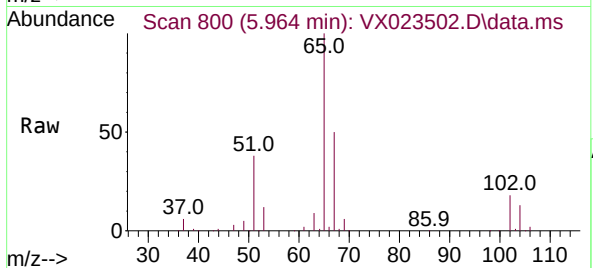


#27

1,2-Dichloroethane-d4  
Concen: 29.029 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Instrument :  
MSVOA\_X  
ClientSampled :

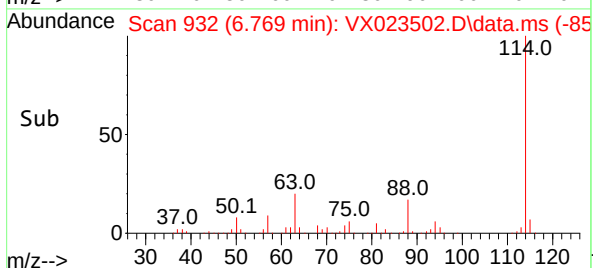
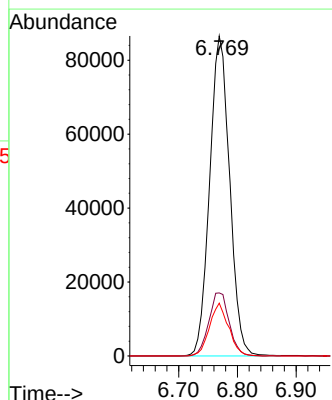
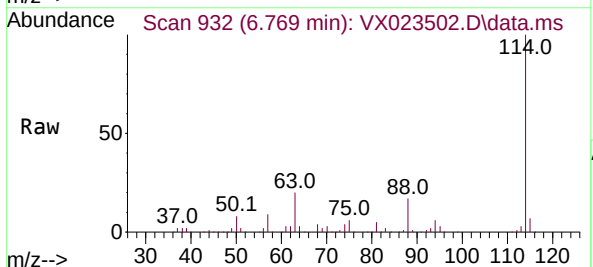
Tgt Ion: 65 Resp: 82369  
Ion Ratio Lower Upper  
65 100  
67 52.3 42.4 63.6

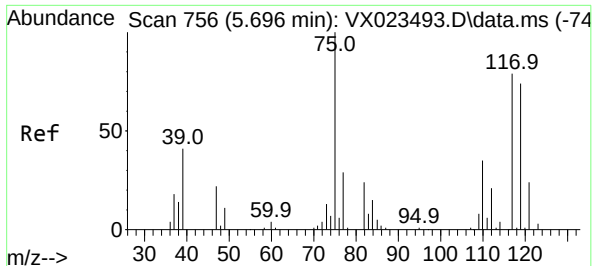


#28

1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion: 114 Resp: 204370  
Ion Ratio Lower Upper  
114 100  
63 20.0 16.4 24.6  
88 15.8 12.7 19.1





#29

1,1-Dichloropropene

Concen: 17.791 ug/l

RT: 5.702 min Scan# 757

Delta R.T. 0.006 min

Lab File: VX023502.D

Acq: 28 Jul 2021 20:06

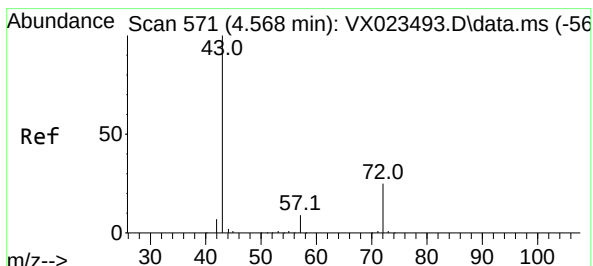
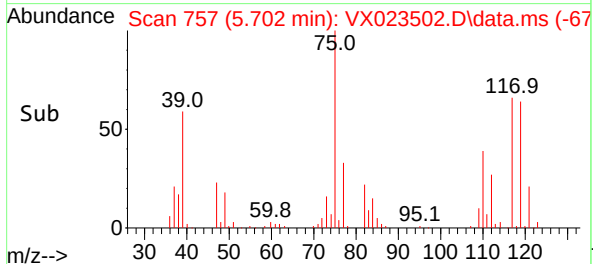
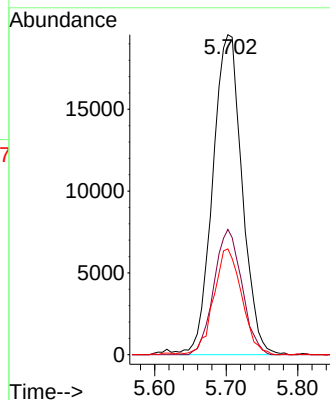
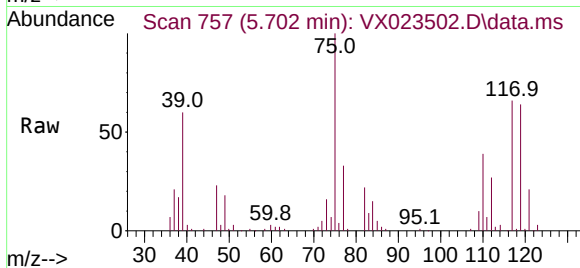
Tgt Ion: 75 Resp: 55653

Ion Ratio Lower Upper

75 100

110 37.3 0.0 72.0

77 31.7 0.0 61.8



#30

2-Butanone

Concen: 89.561 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX023502.D

Acq: 28 Jul 2021 20:06

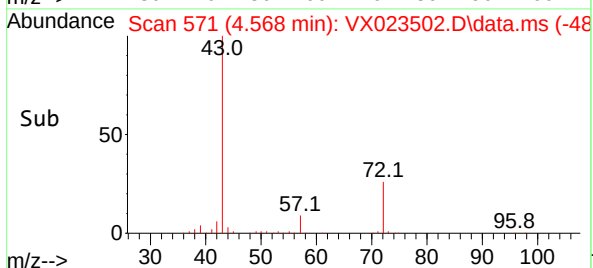
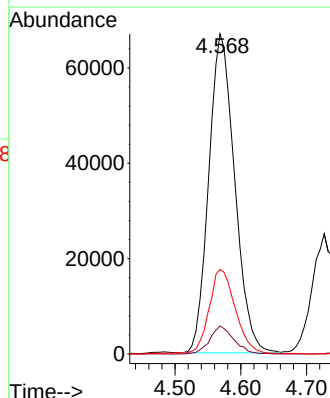
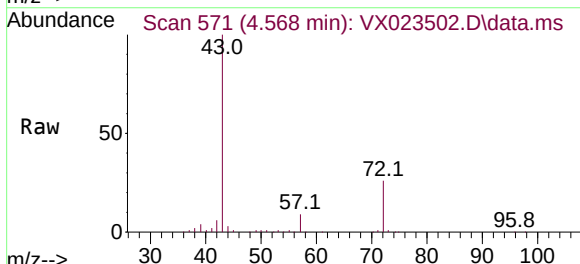
Tgt Ion: 43 Resp: 183646

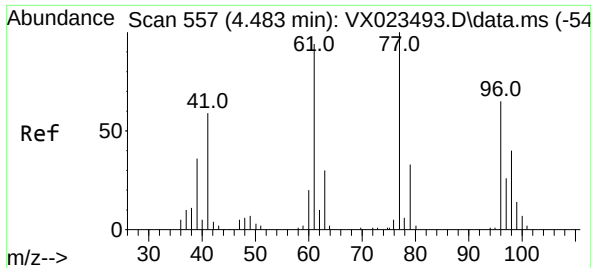
Ion Ratio Lower Upper

43 100

57 8.1 6.6 9.8

72 26.9 21.0 31.4

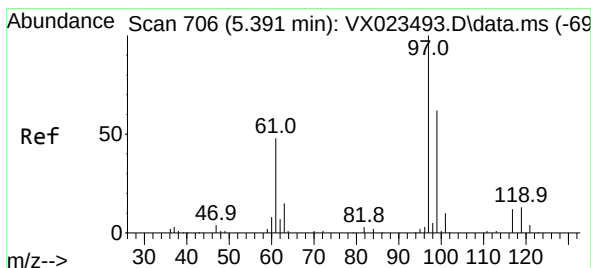
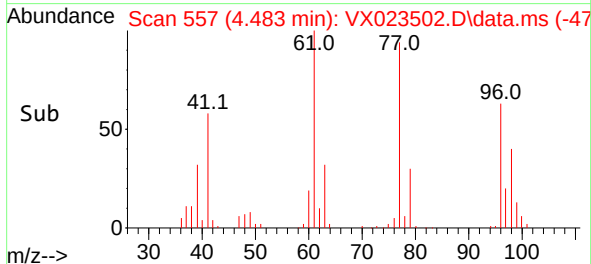
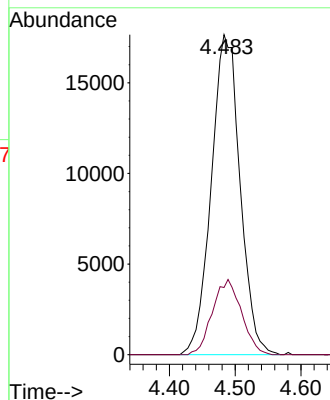
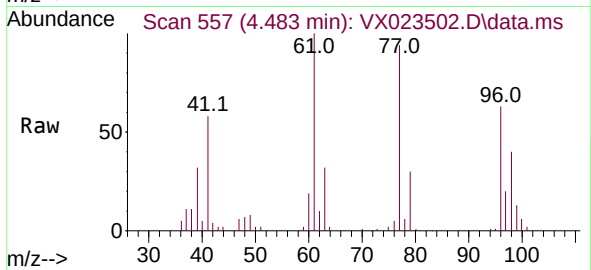




#31  
2,2-Dichloropropane  
Concen: 15.876 ug/l  
RT: 4.483 min Scan# 557  
Delta R.T. -0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

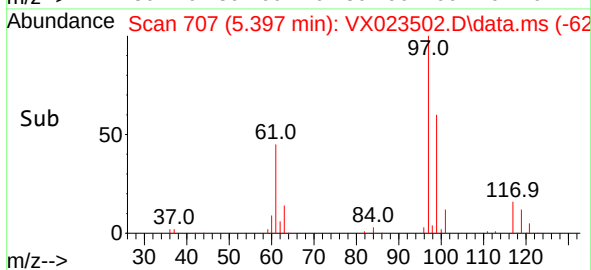
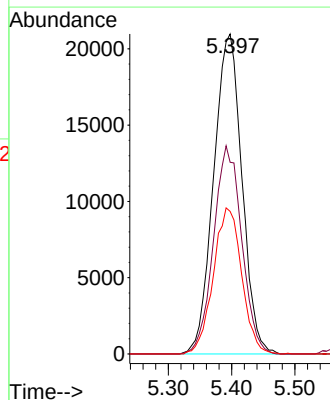
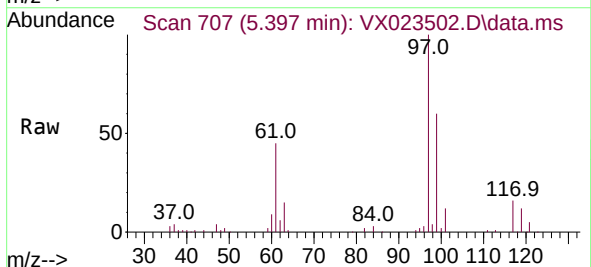
Instrument :  
MSVOA\_X  
ClientSampleId :

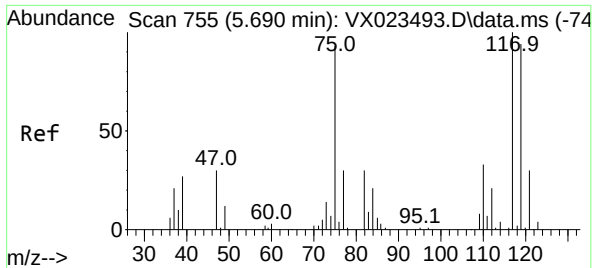
Tgt Ion: 77 Resp: 53752  
Ion Ratio Lower Upper  
77 100  
97 23.7 19.8 29.8



#32  
1,1,1-Trichloroethane  
Concen: 17.697 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion: 97 Resp: 65203  
Ion Ratio Lower Upper  
97 100  
99 64.7 50.4 75.6  
61 45.7 36.4 54.6

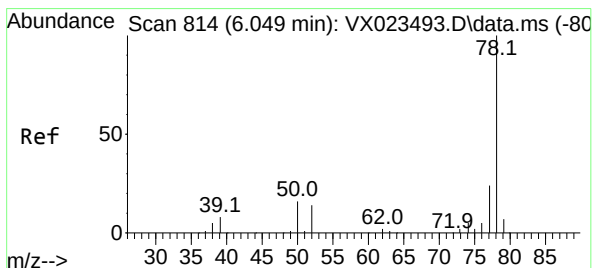
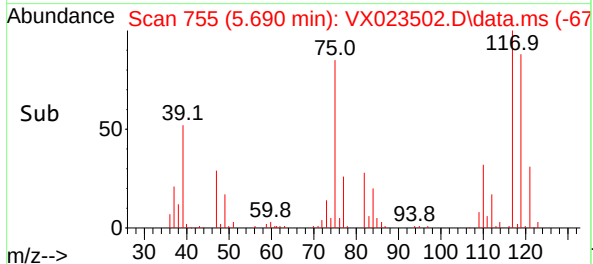
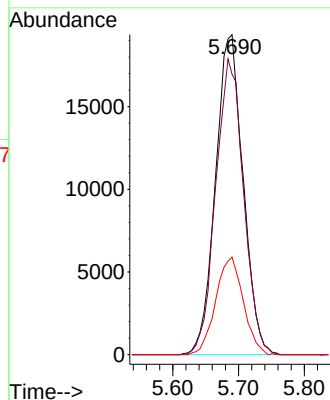
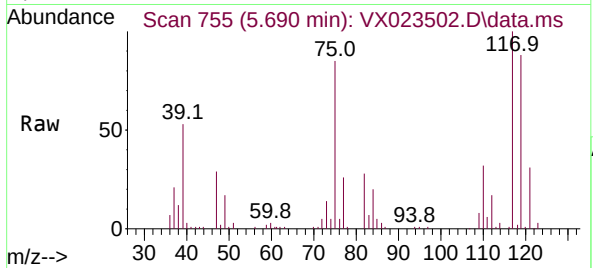




#33  
Carbon Tetrachloride  
Concen: 17.697 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

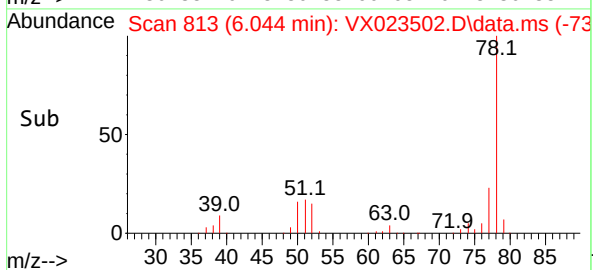
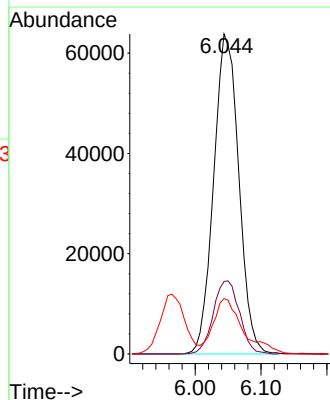
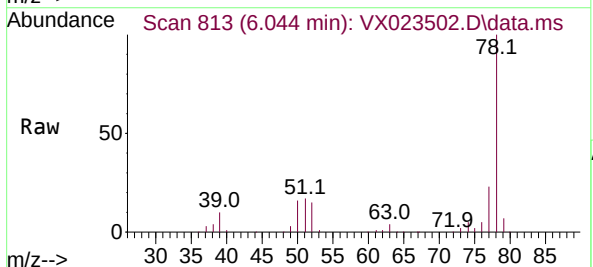
Instrument :  
MSVOA\_X  
ClientSampled :

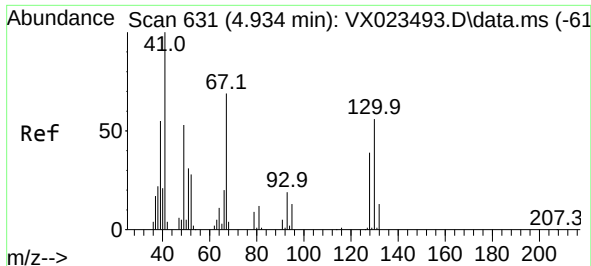
Tgt Ion:117 Resp: 56529  
Ion Ratio Lower Upper  
117 100  
119 87.6 75.4 113.2  
121 30.5 24.1 36.1



#34  
Benzene  
Concen: 18.280 ug/l  
RT: 6.044 min Scan# 813  
Delta R.T. -0.005 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion: 78 Resp: 169662  
Ion Ratio Lower Upper  
78 100  
77 22.7 19.3 28.9  
51 16.5 12.2 18.4

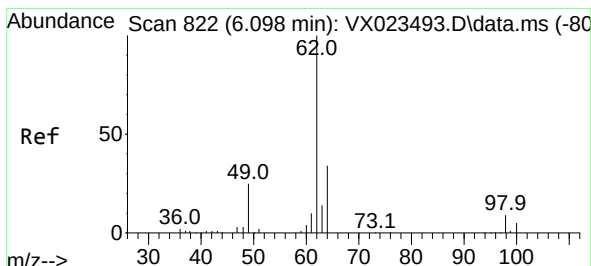
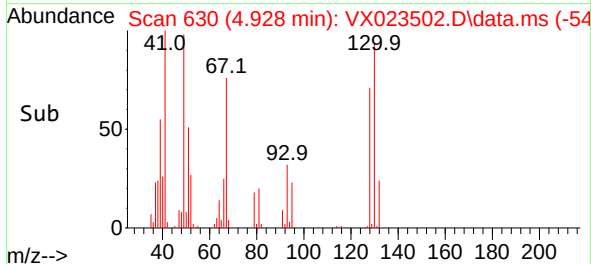
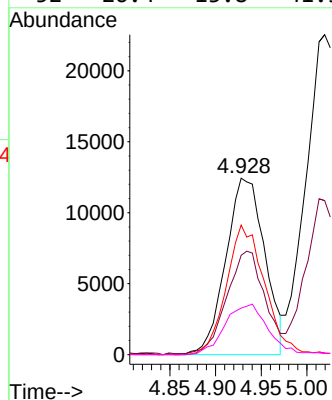
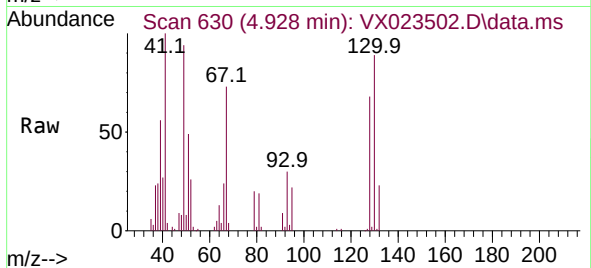




#35  
Methacrylonitrile  
Concen: 17.810 ug/l  
RT: 4.928 min Scan# 630  
Delta R.T. -0.006 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

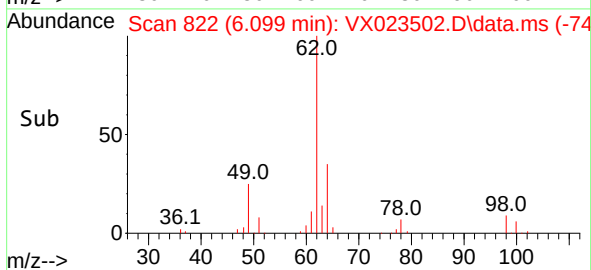
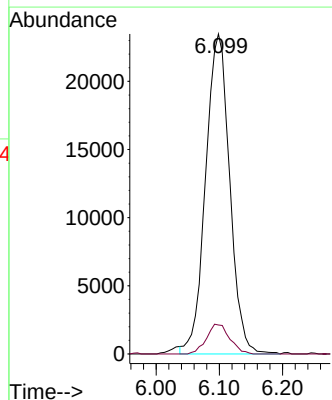
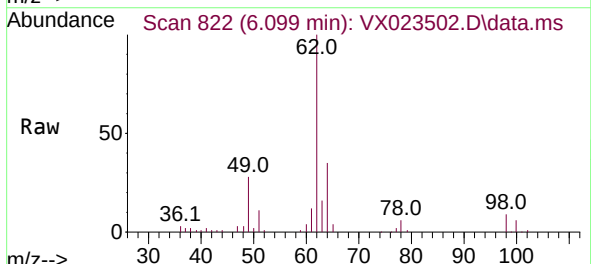
Instrument :  
MSVOA\_X  
ClientSampled :

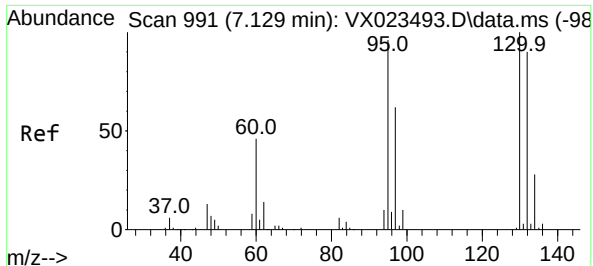
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 36864 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.7  | 27.4  | 82.2  |
| 67       | 73.4  | 34.6  | 103.9 |
| 52       | 26.4  | 13.8  | 41.3  |



#36  
1,2-Dichloroethane  
Concen: 17.676 ug/l  
RT: 6.099 min Scan# 822  
Delta R.T. 0.001 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 62129 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.0   | 7.0   | 10.4  |





#37

Trichloroethene

Concen: 18.189 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX023502.D

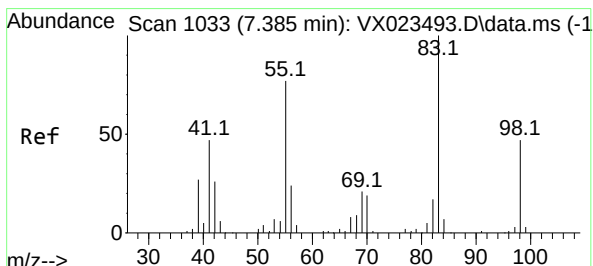
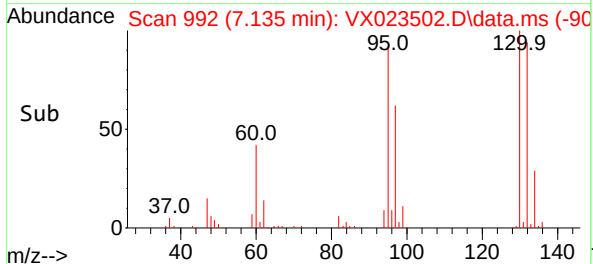
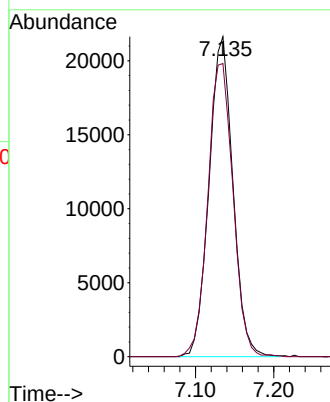
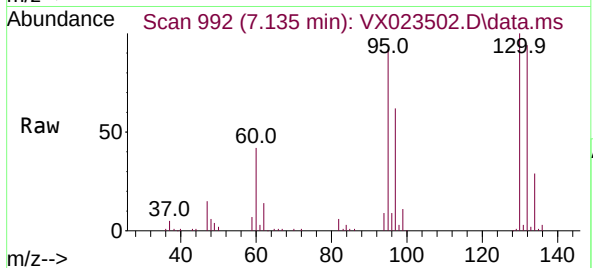
Acq: 28 Jul 2021 20:06

Tgt Ion:130 Resp: 45810

Ion Ratio Lower Upper

130 100

95 91.4 77.0 115.4



#38

Methylcyclohexane

Concen: 17.549 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX023502.D

Acq: 28 Jul 2021 20:06

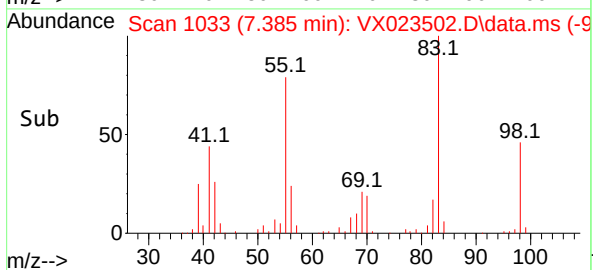
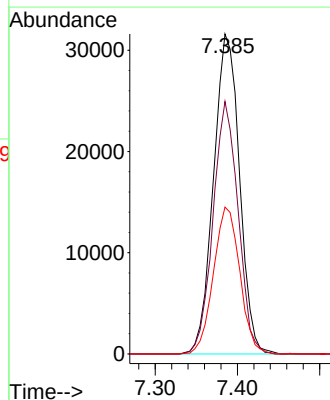
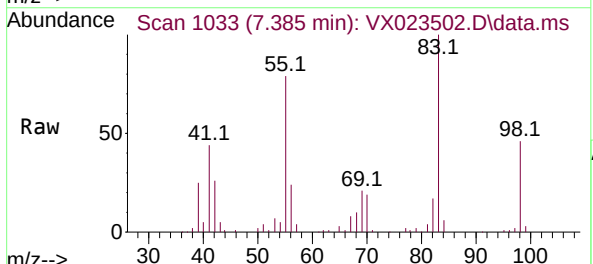
Tgt Ion: 83 Resp: 69411

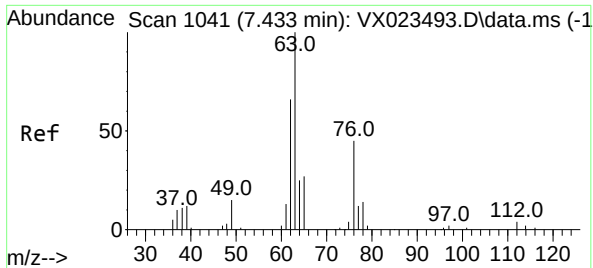
Ion Ratio Lower Upper

83 100

55 76.1 37.8 113.4

98 46.5 23.4 70.3





#39

1,2-Dichloropropane

Concen: 18.358 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. 0.007 min

Lab File: VX023502.D

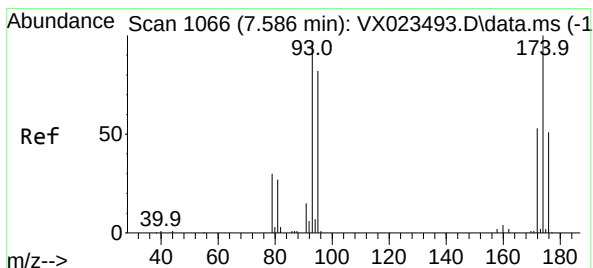
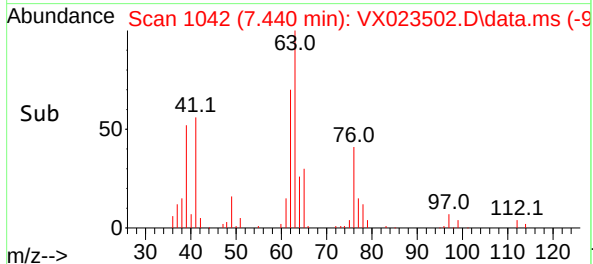
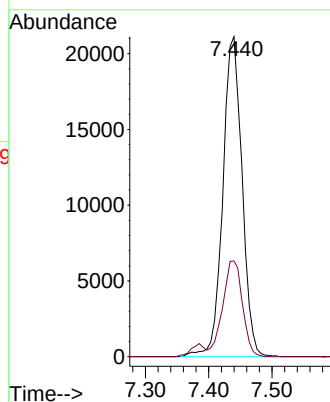
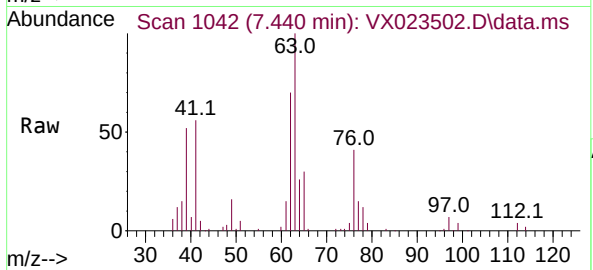
Acq: 28 Jul 2021 20:06

Tgt Ion: 63 Resp: 44527

Ion Ratio Lower Upper

63 100

65 29.9 23.4 35.0



#40

Dibromomethane

Concen: 18.652 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX023502.D

Acq: 28 Jul 2021 20:06

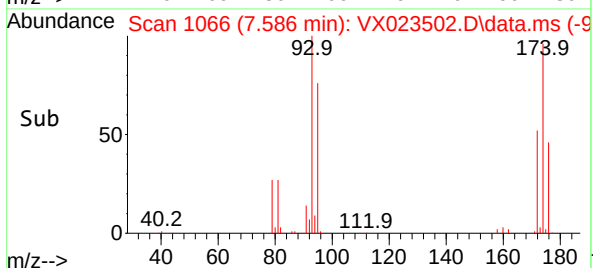
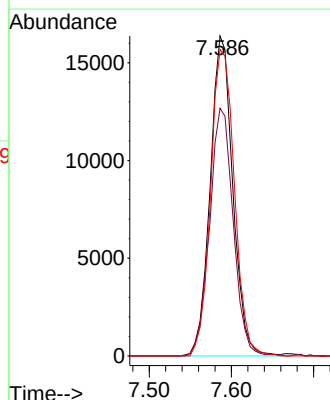
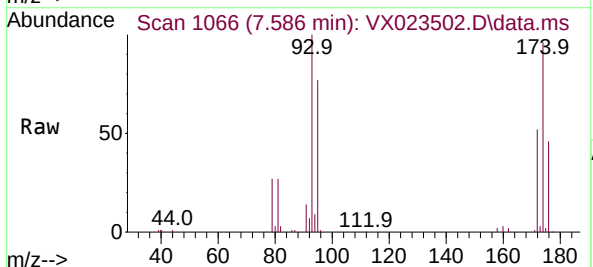
Tgt Ion: 93 Resp: 31315

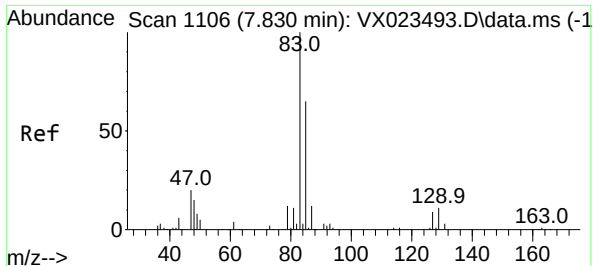
Ion Ratio Lower Upper

93 100

95 80.3 0.0 168.4

174 100.4 0.0 206.6

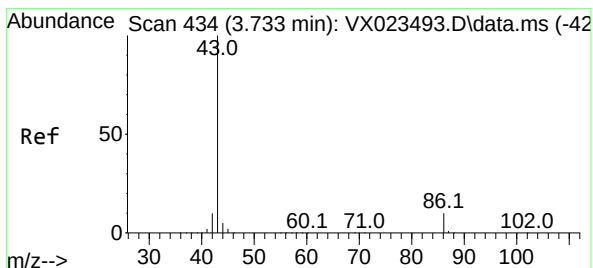
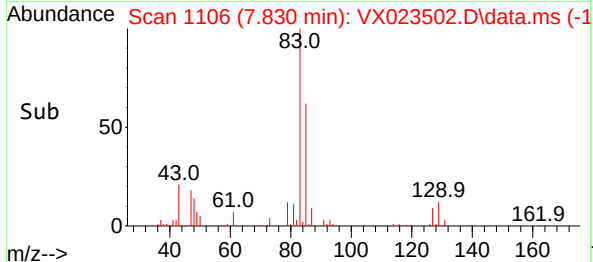
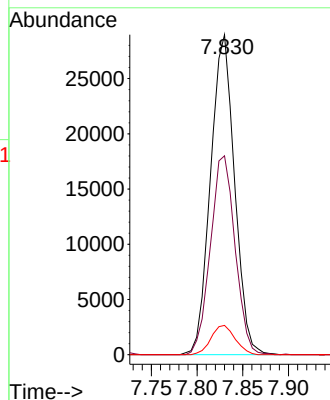
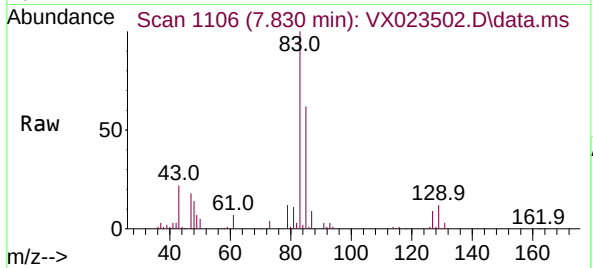




#41  
Bromodichloromethane  
Concen: 17.399 ug/l  
RT: 7.830 min Scan# 1106  
Delta R.T. -0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

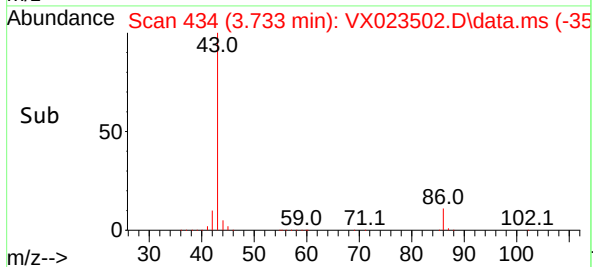
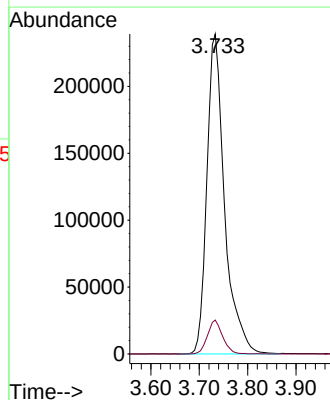
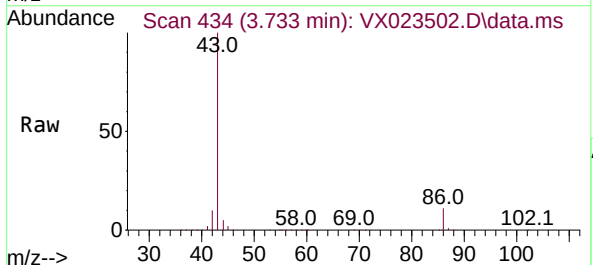
Instrument :  
MSVOA\_X  
ClientSampled :

Tgt Ion: 83 Resp: 52942  
Ion Ratio Lower Upper  
83 100  
85 62.2 51.7 77.5  
127 9.2 7.4 11.0

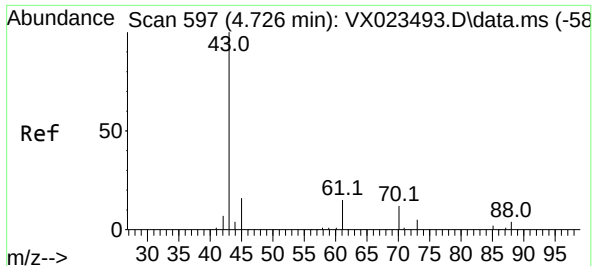


#42  
Vinyl Acetate  
Concen: 90.466 ug/l  
RT: 3.733 min Scan# 434  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion: 43 Resp: 608169  
Ion Ratio Lower Upper  
43 100  
86 9.0 7.2 10.8



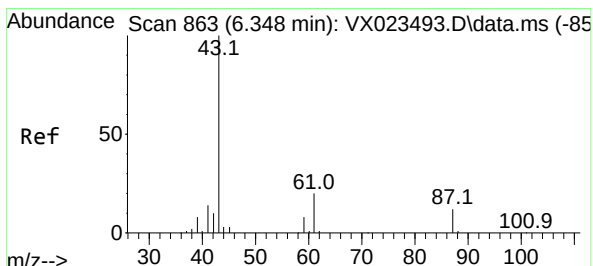
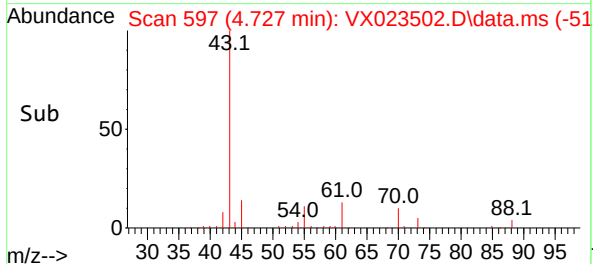
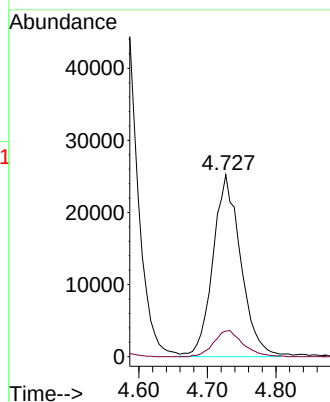
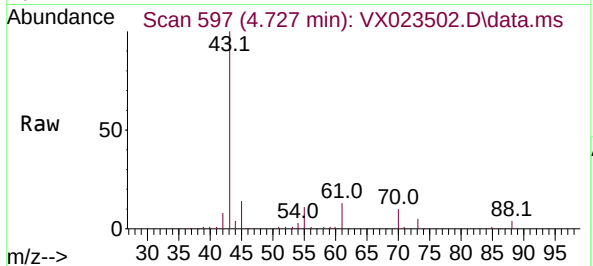




#43  
Ethyl Acetate  
Concen: 18.259 ug/l  
RT: 4.727 min Scan# 597  
Delta R.T. 0.001 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

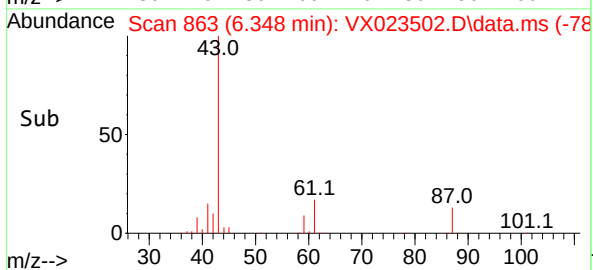
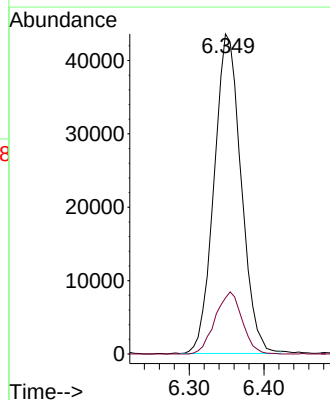
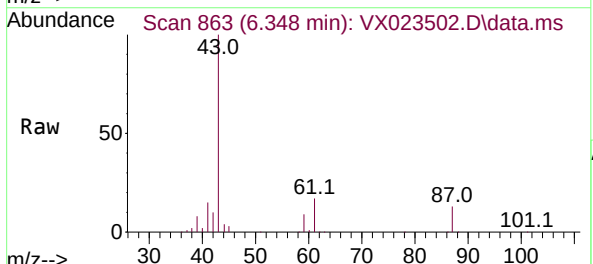
Instrument :  
MSVOA\_X  
ClientSampled :

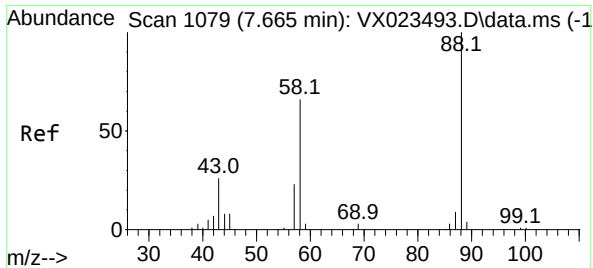
Tgt Ion: 43 Resp: 71111  
Ion Ratio Lower Upper  
43 100  
45 15.2 12.1 18.1



#44  
Isopropyl Acetate  
Concen: 17.798 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion: 43 Resp: 109716  
Ion Ratio Lower Upper  
43 100  
61 19.3 15.4 23.2

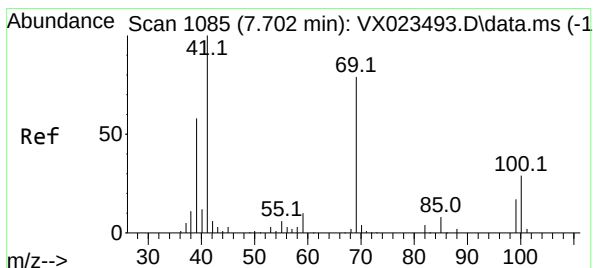
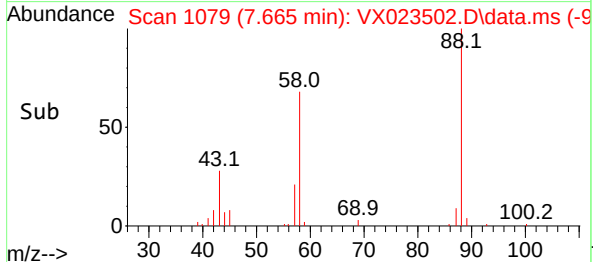
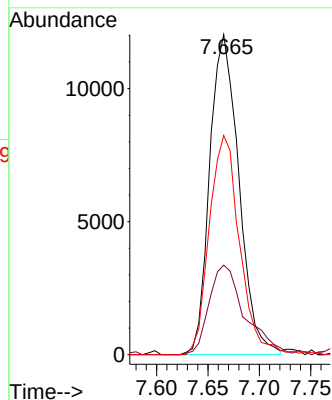
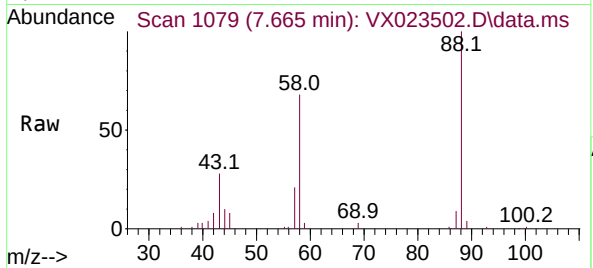




#45  
1,4-Dioxane  
Concen: 376.944 ug/l  
RT: 7.665 min Scan# 1079  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

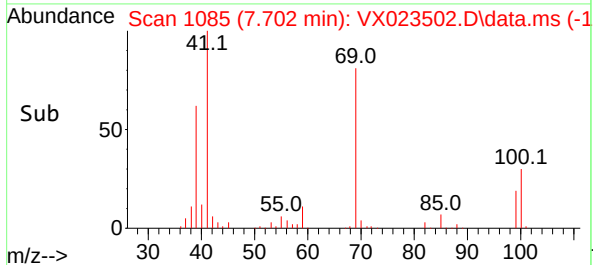
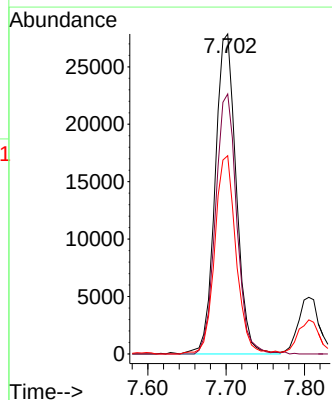
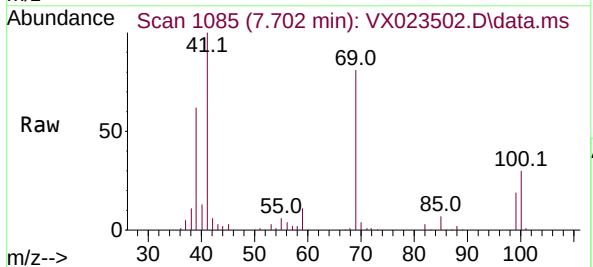
Instrument :  
MSVOA\_X  
ClientSampled :

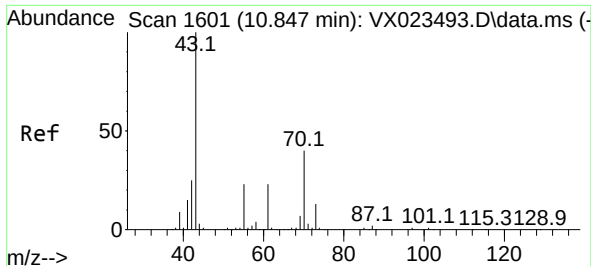
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 23719 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 34.4  | 25.3  | 37.9  |
| 58       | 69.9  | 53.1  | 79.7  |



#46  
Methyl methacrylate  
Concen: 17.568 ug/l  
RT: 7.702 min Scan# 1085  
Delta R.T. -0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 52088 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 81.3  | 39.5  | 118.5 |
| 39       | 62.0  | 29.0  | 87.1  |

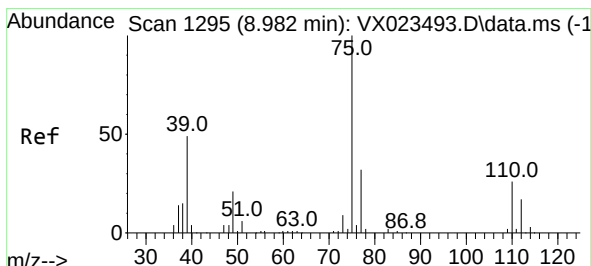
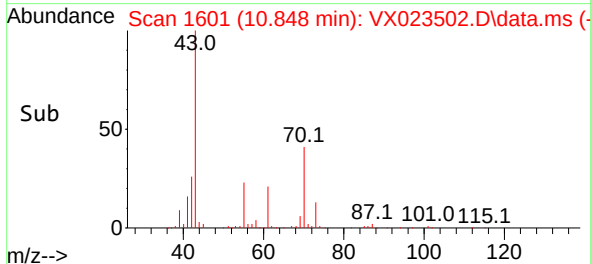
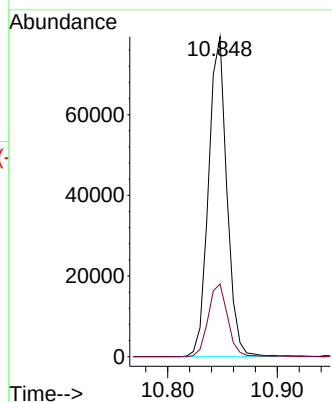
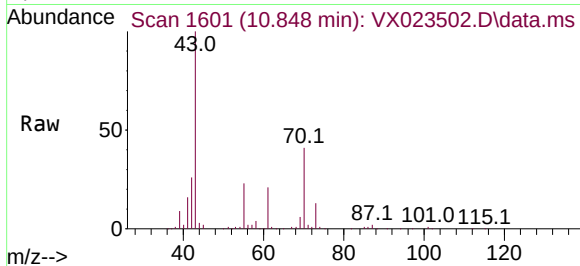




#47  
n-amy1 Acetate  
Concen: 17.873 ug/l  
RT: 10.848 min Scan# 1601  
Delta R.T. 0.001 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

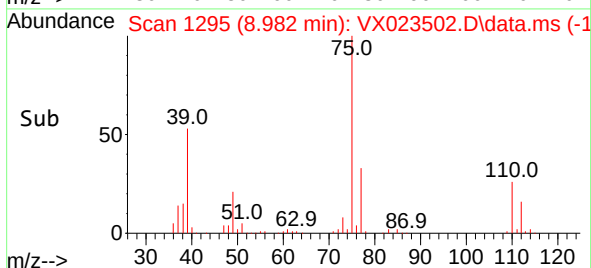
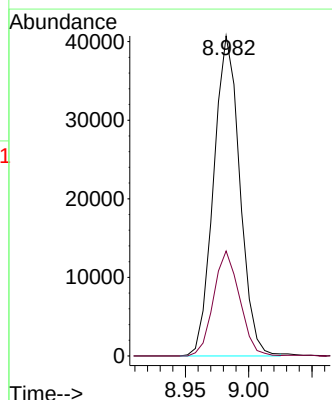
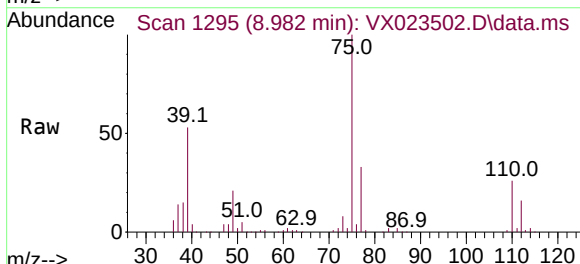
Instrument :  
MSVOA\_X  
ClientSampled :

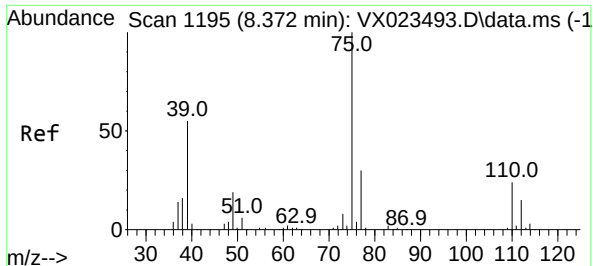
Tgt Ion: 43 Resp: 92284  
Ion Ratio Lower Upper  
43 100  
55 24.1 18.9 28.3



#48  
t-1,3-Dichloropropene  
Concen: 16.512 ug/l  
RT: 8.982 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion: 75 Resp: 58691  
Ion Ratio Lower Upper  
75 100  
77 32.8 25.8 38.8



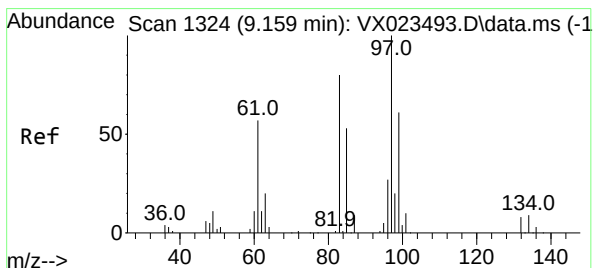
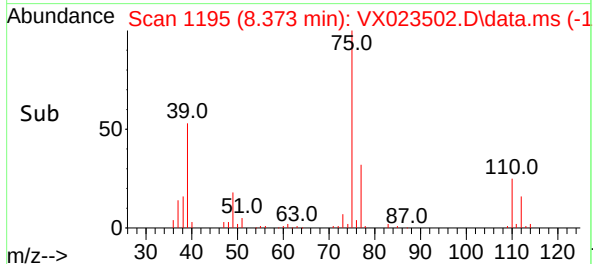
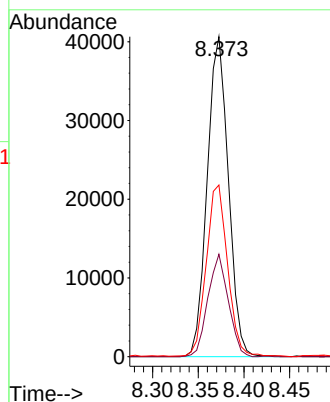
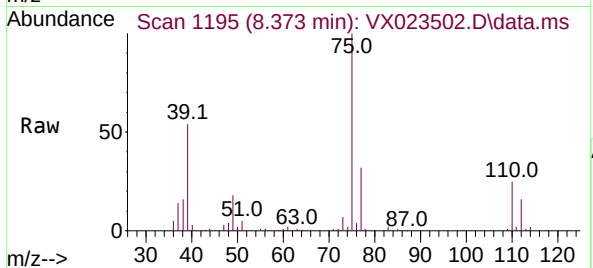


#49

cis-1,3-Dichloropropene  
Concen: 17.204 ug/l  
RT: 8.373 min Scan# 1195  
Delta R.T. 0.001 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Instrument :  
MSVOA\_X  
ClientSampled :

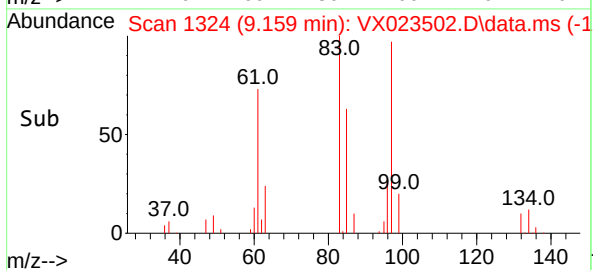
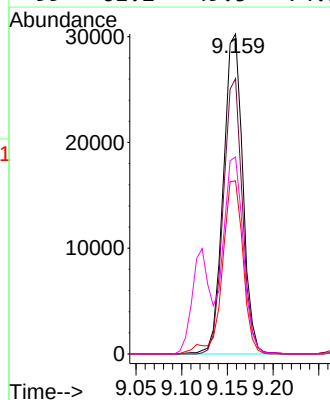
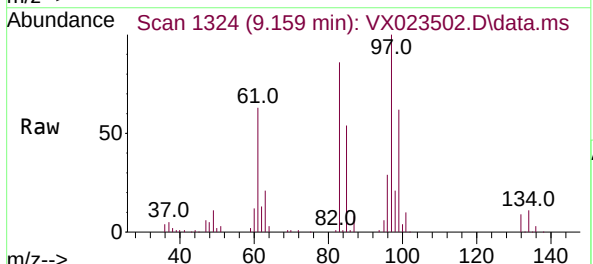
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 65334 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 32.0  | 23.6  | 35.4  |
| 39       | 53.4  | 44.0  | 66.0  |

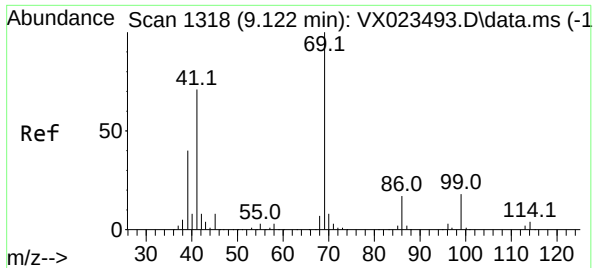


#50

1,1,2-Trichloroethane  
Concen: 18.200 ug/l  
RT: 9.159 min Scan# 1324  
Delta R.T. -0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 44894 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.1  | 64.2  | 96.4  |
| 85       | 54.1  | 42.4  | 63.6  |
| 99       | 61.2  | 49.5  | 74.3  |

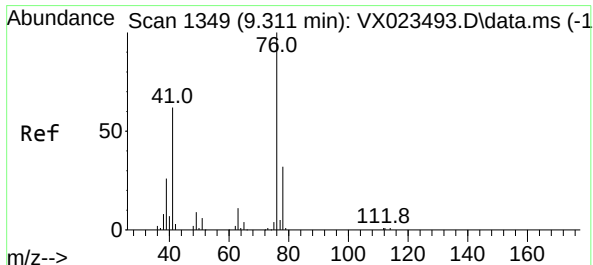
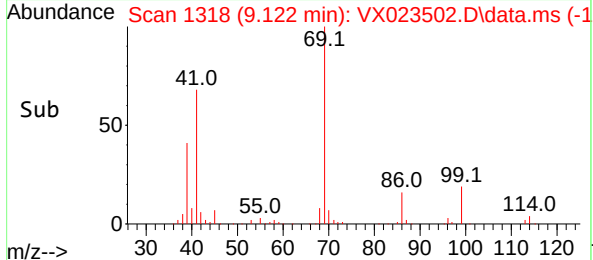
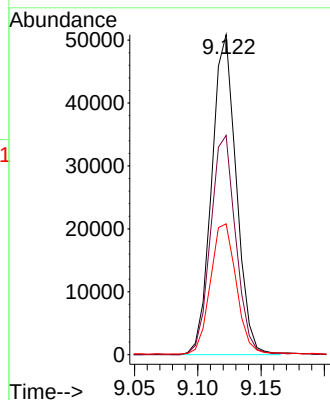
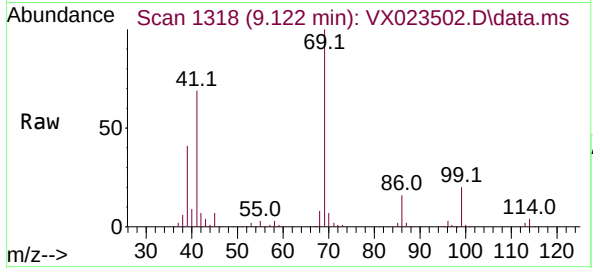




#51  
Ethyl methacrylate  
Concen: 17.303 ug/l  
RT: 9.122 min Scan# 1318  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

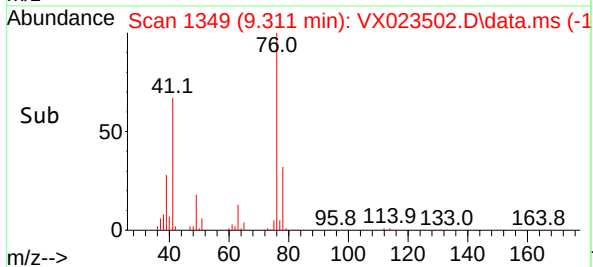
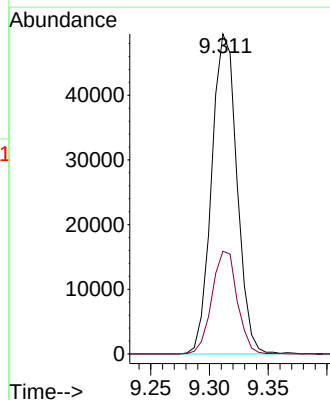
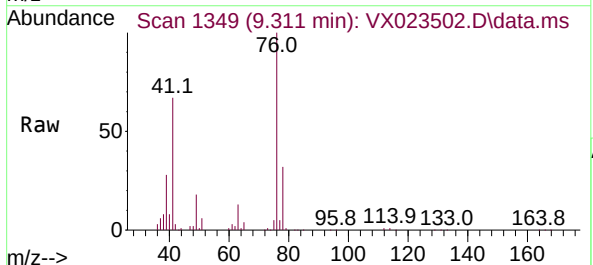
Instrument :  
MSVOA\_X  
ClientSampled :

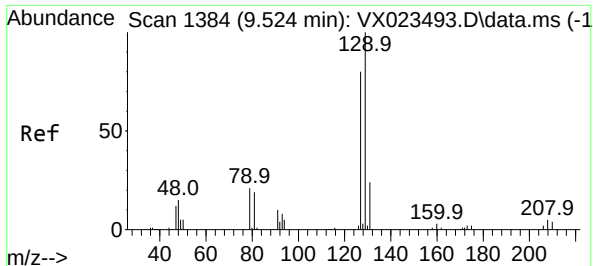
Tgt Ion: 69 Resp: 68804  
Ion Ratio Lower Upper  
69 100  
41 68.5 35.8 107.3  
39 40.6 20.3 60.8



#52  
1,3-Dichloropropane  
Concen: 18.116 ug/l  
RT: 9.311 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion: 76 Resp: 74196  
Ion Ratio Lower Upper  
76 100  
78 32.1 0.0 64.0

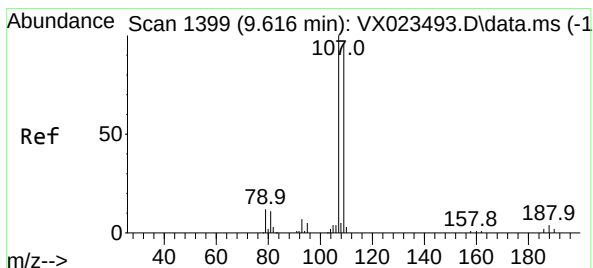
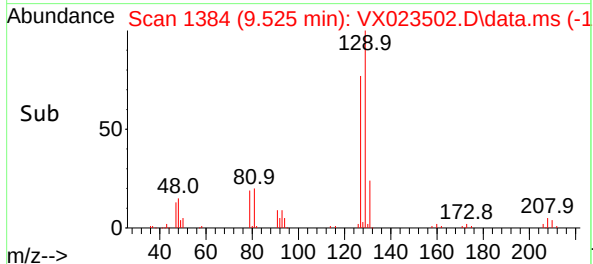
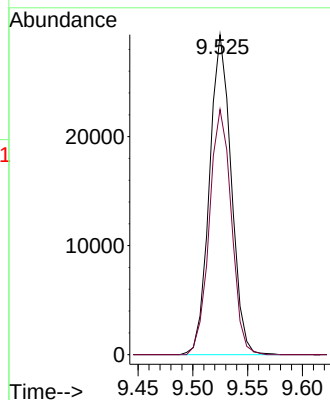
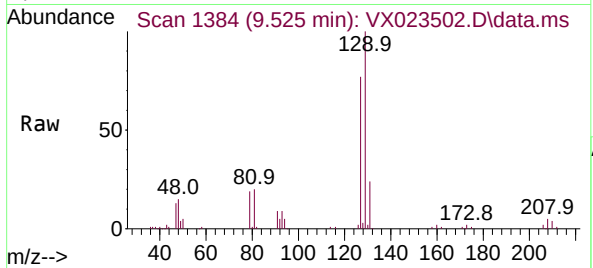




#53  
Dibromochloromethane  
Concen: 16.876 ug/l  
RT: 9.525 min Scan# 1384  
Delta R.T. 0.001 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

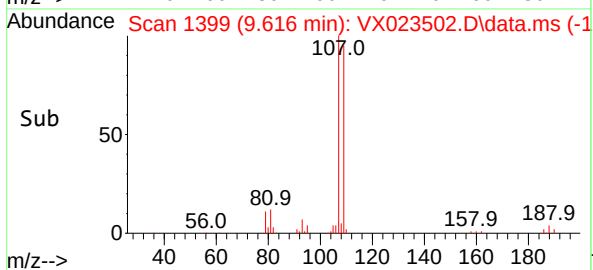
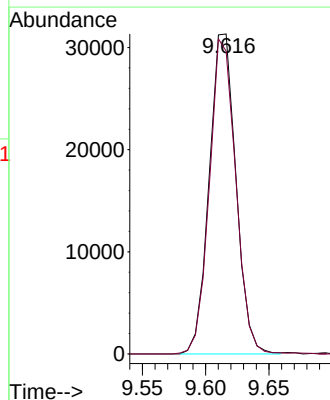
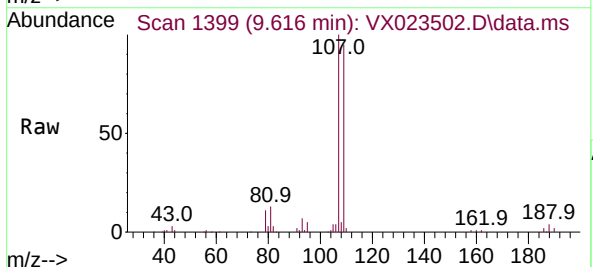
Instrument :  
MSVOA\_X  
ClientSampleId :

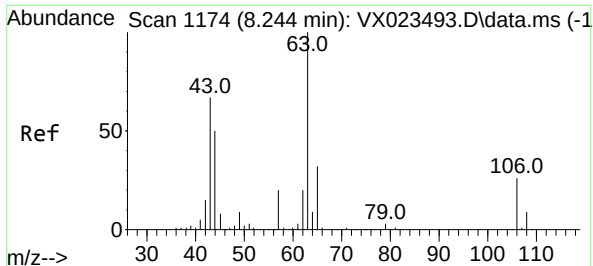
Tgt Ion:129 Resp: 40437  
Ion Ratio Lower Upper  
129 100  
127 77.7 39.3 117.9



#54  
1,2-Dibromoethane  
Concen: 17.630 ug/l  
RT: 9.616 min Scan# 1399  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion:107 Resp: 46066  
Ion Ratio Lower Upper  
107 100  
109 96.7 75.3 112.9

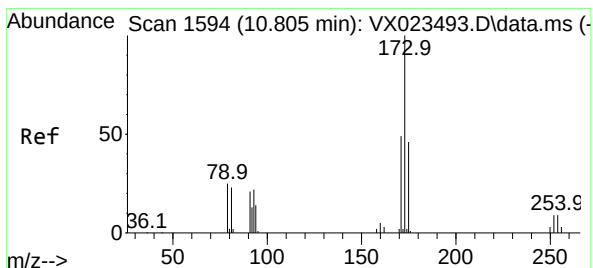
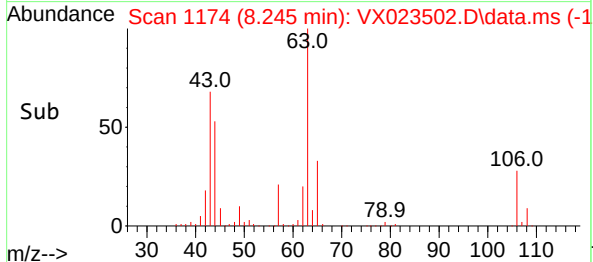
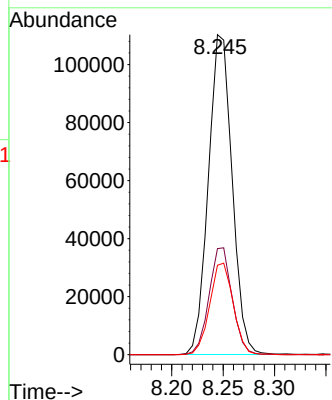
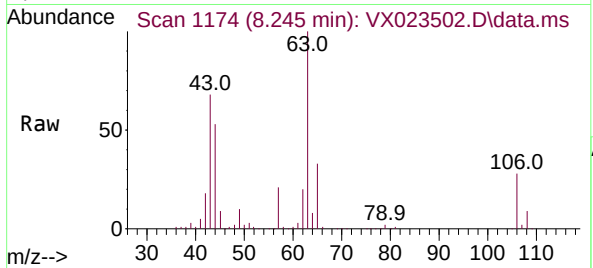




#55  
2-Chloroethyl vinyl ether  
Concen: 90.133 ug/l  
RT: 8.245 min Scan# 1174  
Delta R.T. 0.001 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

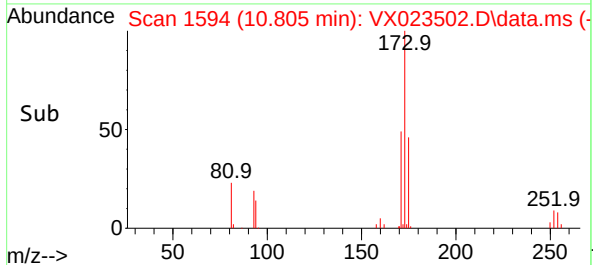
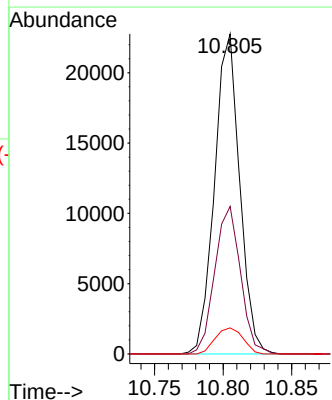
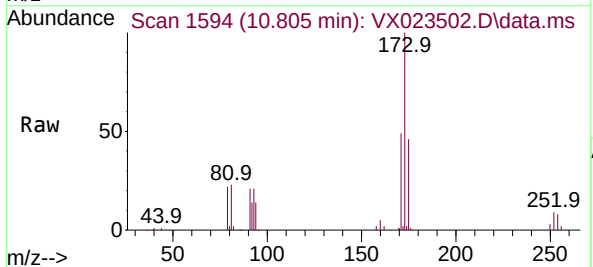
Instrument :  
MSVOA\_X  
ClientSampled :

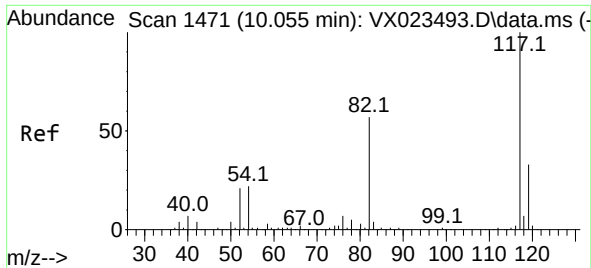
|             |              |
|-------------|--------------|
| Tgt Ion: 63 | Resp: 177484 |
| Ion Ratio   | Lower Upper  |
| 63 100      |              |
| 65 32.5     | 25.8 38.6    |
| 106 28.4    | 21.8 32.8    |



#56  
Bromoform  
Concen: 17.151 ug/l  
RT: 10.805 min Scan# 1594  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:173 | Resp: | 29042 |       |
| Ion         | Ratio | Lower | Upper |
| 173         | 100   |       |       |
| 175         | 47.1  | 38.4  | 57.6  |
| 254         | 9.0   | 7.3   | 10.9  |

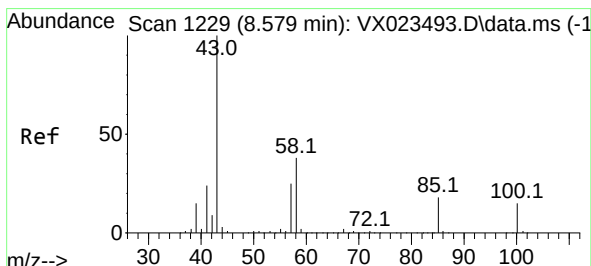
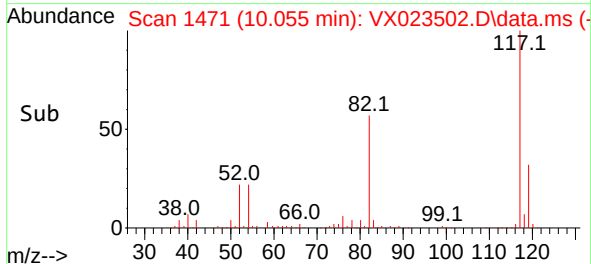
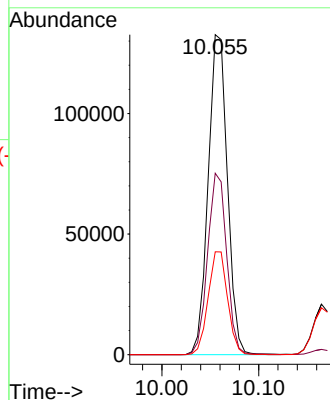
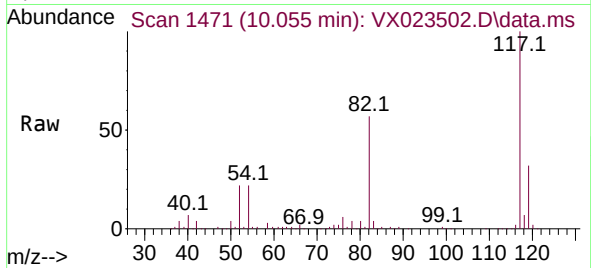




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

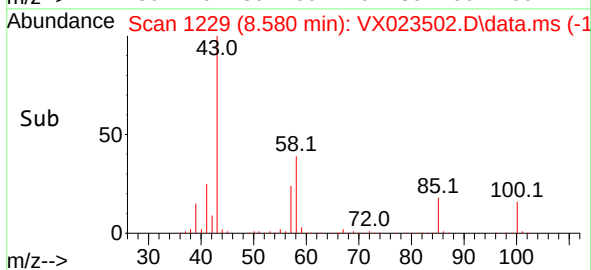
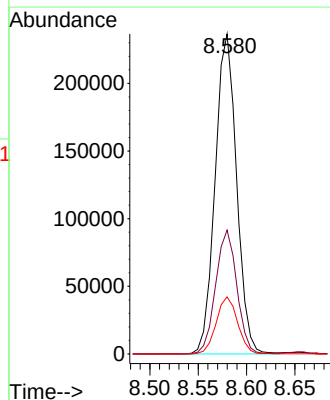
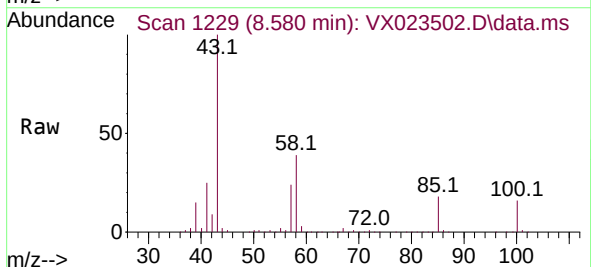
Instrument :  
MSVOA\_X  
ClientSampled :

Tgt Ion:117 Resp: 183871  
Ion Ratio Lower Upper  
117 100  
82 56.1 45.0 67.4  
119 32.5 26.2 39.2

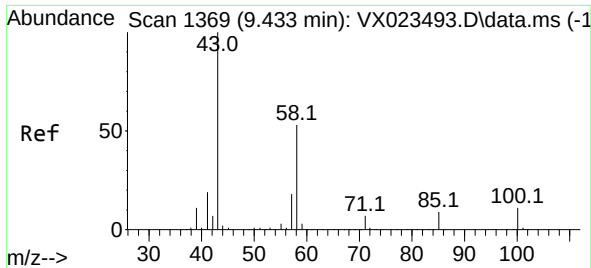


#58  
4-Methyl-2-Pentanone  
Concen: 94.889 ug/l  
RT: 8.580 min Scan# 1229  
Delta R.T. 0.001 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion: 43 Resp: 364827  
Ion Ratio Lower Upper  
43 100  
58 38.3 30.5 45.7  
85 17.8 14.0 21.0



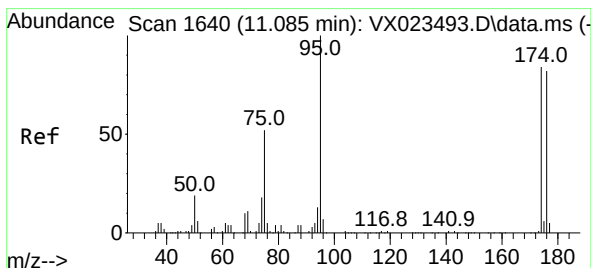
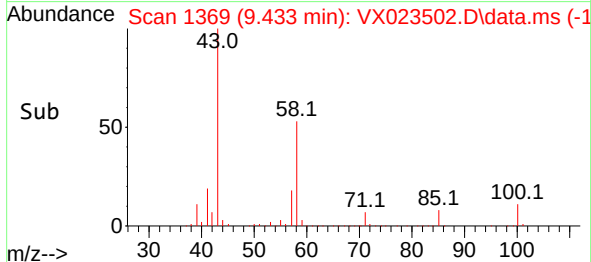
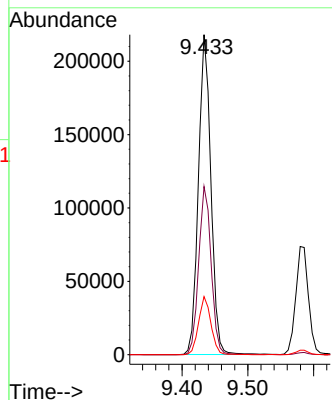
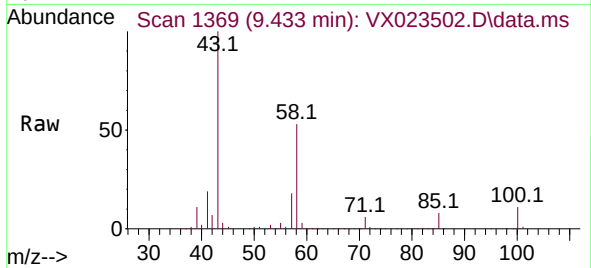




#59  
2-Hexanone  
Concen: 96.249 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

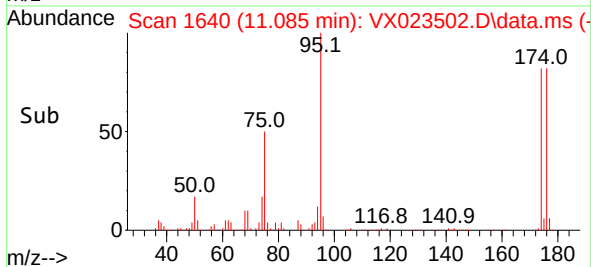
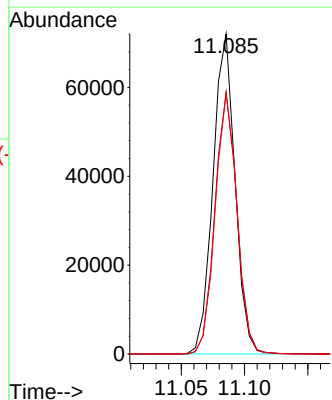
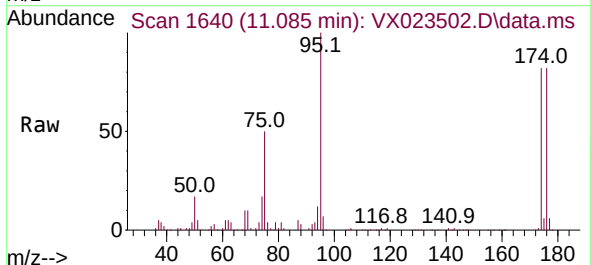
Instrument :  
MSVOA\_X  
ClientSampled :

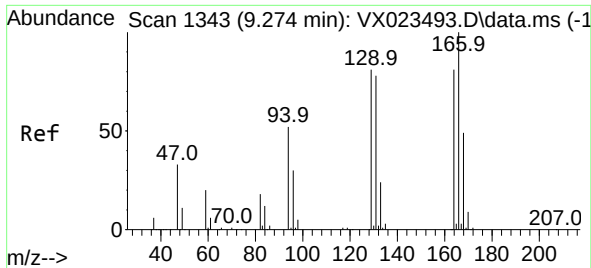
Tgt Ion: 43 Resp: 286044  
Ion Ratio Lower Upper  
43 100  
58 52.5 42.1 63.1  
57 17.9 14.9 22.3



#60  
4-Bromofluorobenzene  
Concen: 29.411 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

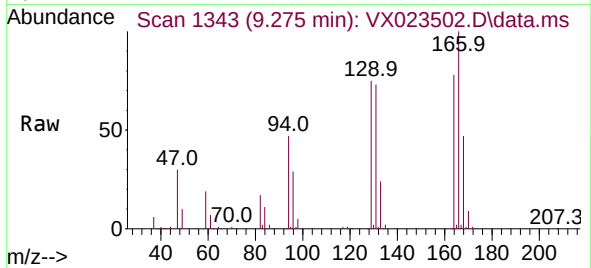
Tgt Ion: 95 Resp: 87396  
Ion Ratio Lower Upper  
95 100  
174 81.1 63.5 95.3  
176 80.5 63.0 94.4



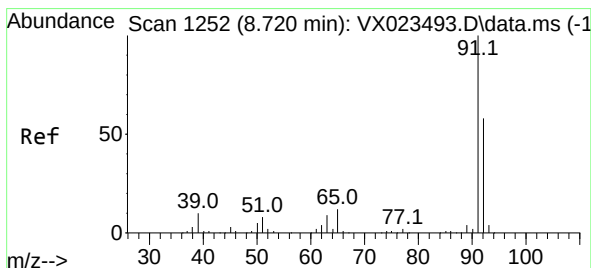
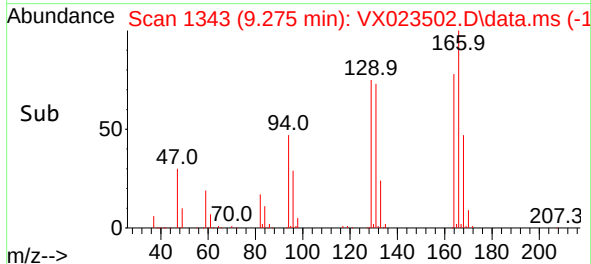
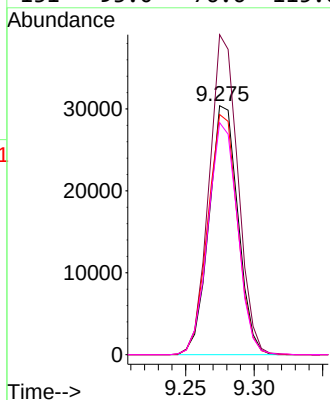


#61  
Tetrachloroethene  
Concen: 18.608 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.001 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Instrument :  
MSVOA\_X  
ClientSampleId :

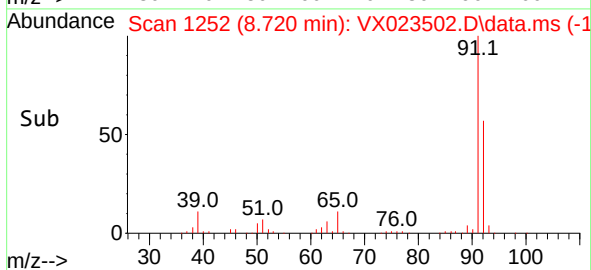
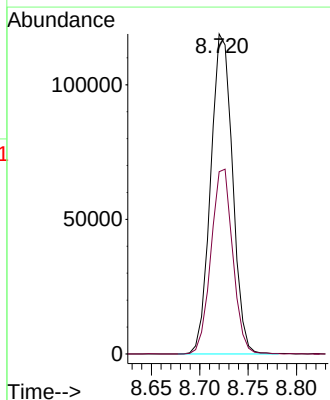
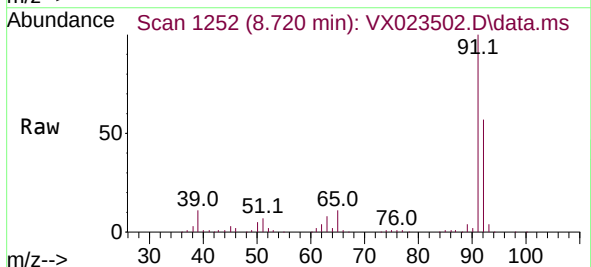


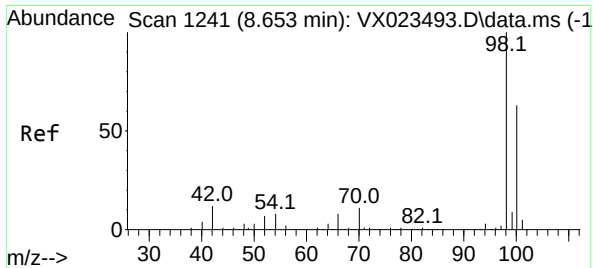
Tgt Ion:164 Resp: 44639  
Ion Ratio Lower Upper  
164 100  
166 128.2 98.6 147.8  
129 96.3 79.7 119.5  
131 93.0 76.6 115.0



#62  
Toluene  
Concen: 18.367 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion: 91 Resp: 186740  
Ion Ratio Lower Upper  
91 100  
92 57.5 46.5 69.7

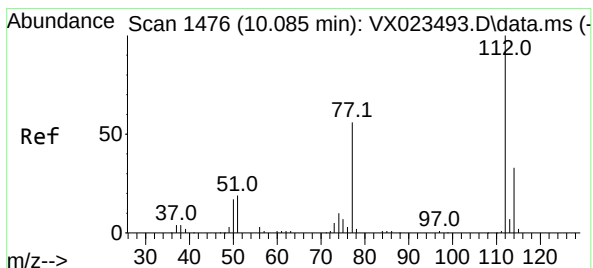
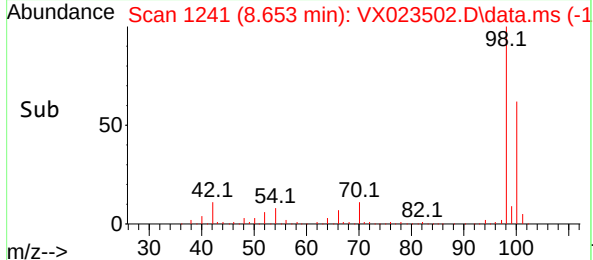
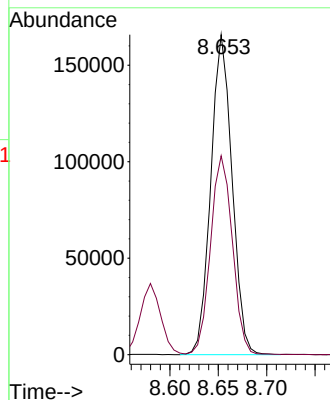
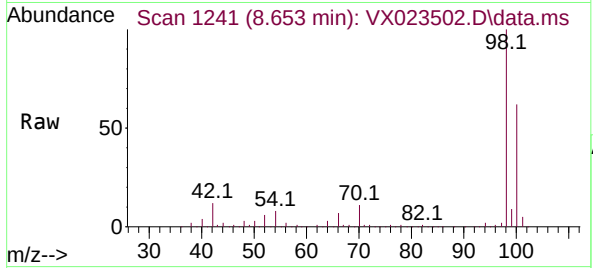




#63  
Toluene-d8  
Concen: 30.571 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

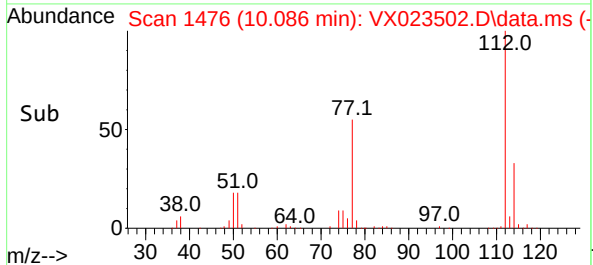
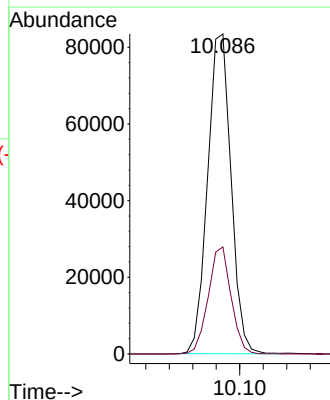
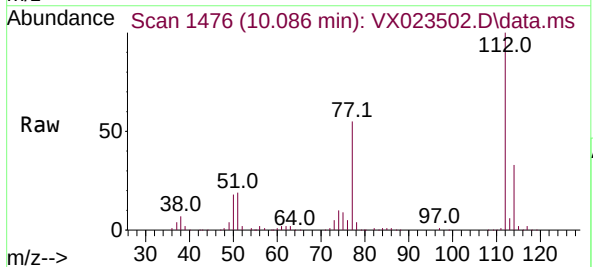
Instrument :  
MSVOA\_X  
ClientSampled :

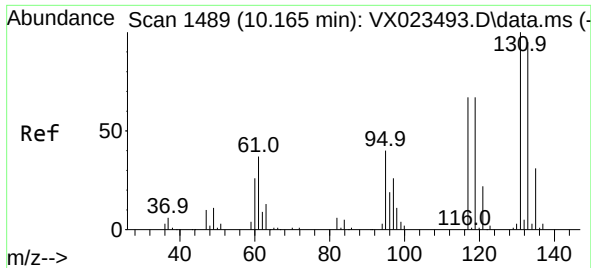
Tgt Ion: 98 Resp: 253585  
Ion Ratio Lower Upper  
98 100  
100 64.0 51.4 77.0



#64  
Chlorobenzene  
Concen: 18.234 ug/l  
RT: 10.086 min Scan# 1476  
Delta R.T. 0.001 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion:112 Resp: 115455  
Ion Ratio Lower Upper  
112 100  
114 33.5 26.0 39.0

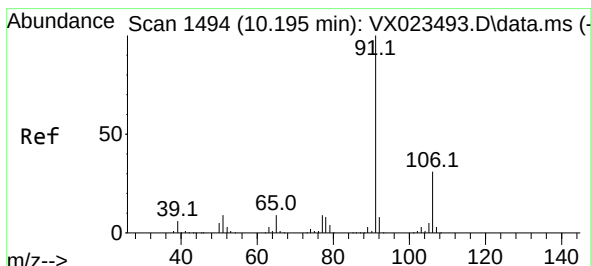
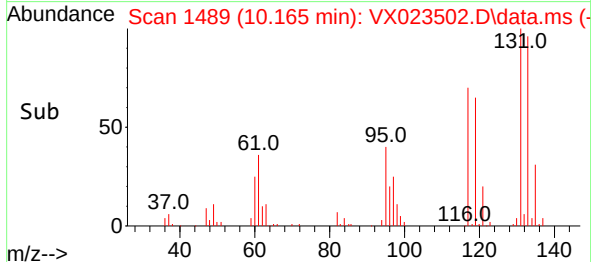
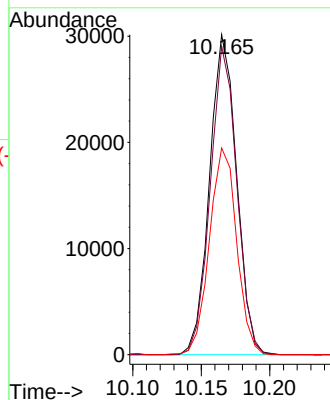
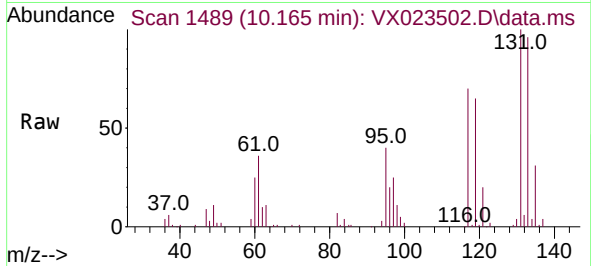




#65  
1,1,1,2-Tetrachloroethane  
Concen: 18.229 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

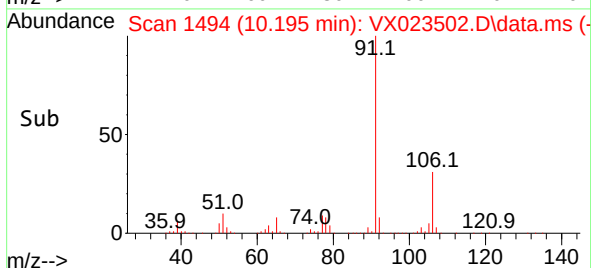
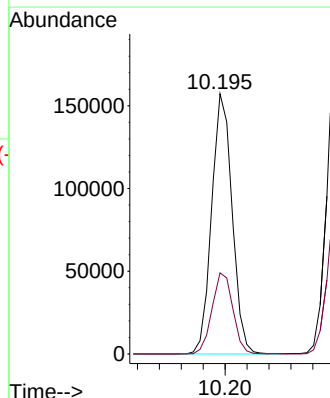
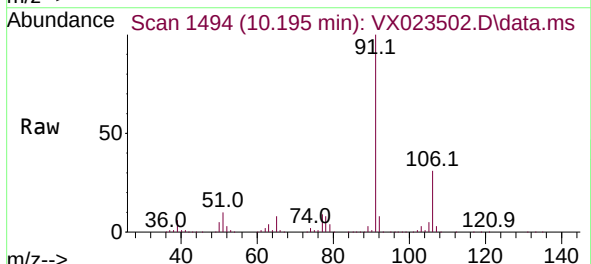
Instrument :  
MSVOA\_X  
ClientSampled :

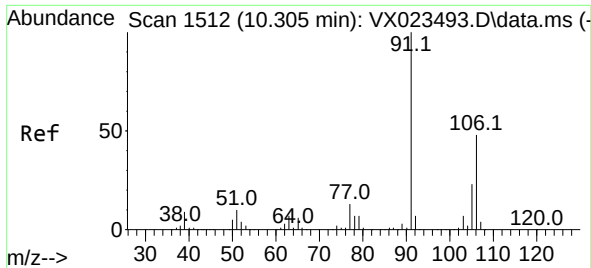
Tgt Ion:131 Resp: 41327  
Ion Ratio Lower Upper  
131 100  
133 94.4 0.0 191.2  
119 65.2 0.0 133.2



#66  
Ethyl Benzene  
Concen: 18.176 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion: 91 Resp: 204125  
Ion Ratio Lower Upper  
91 100  
106 31.2 24.7 37.1

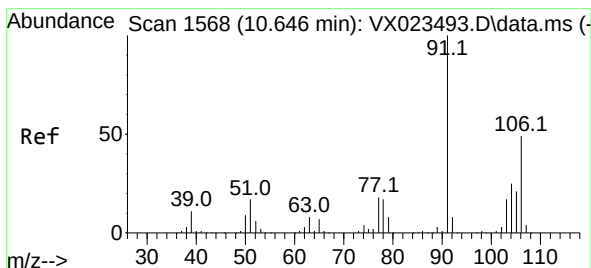
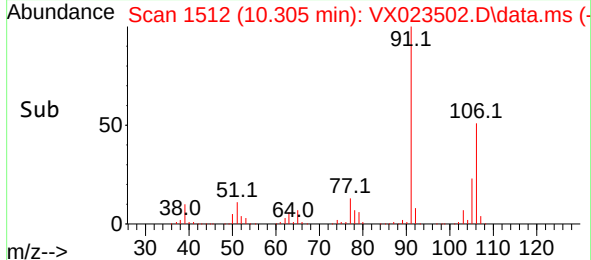
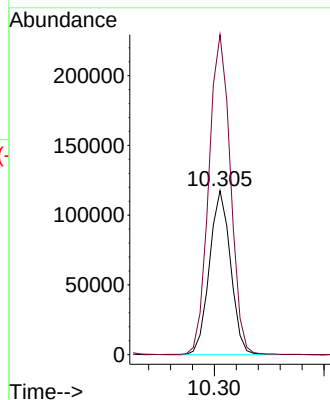
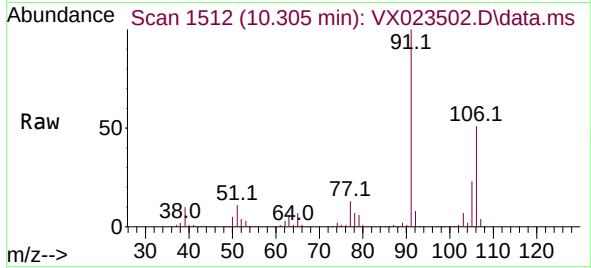




#67  
m/p-Xylenes  
Concen: 36.810 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

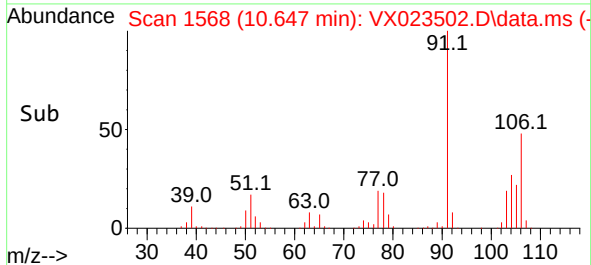
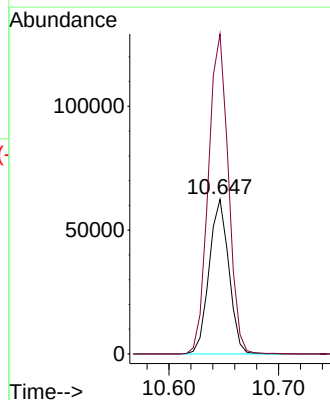
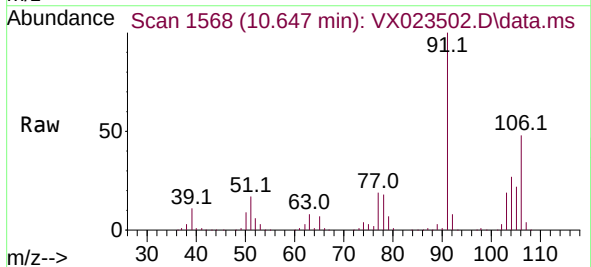
Instrument :  
MSVOA\_X  
ClientSampled :

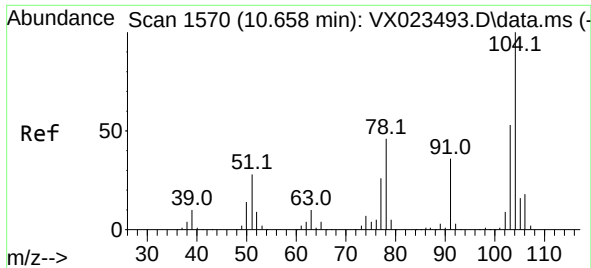
Tgt Ion:106 Resp: 157292  
Ion Ratio Lower Upper  
106 100  
91 200.5 162.4 243.6



#68  
o-Xylene  
Concen: 18.378 ug/l  
RT: 10.647 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion:106 Resp: 78046  
Ion Ratio Lower Upper  
106 100  
91 210.0 107.3 321.8

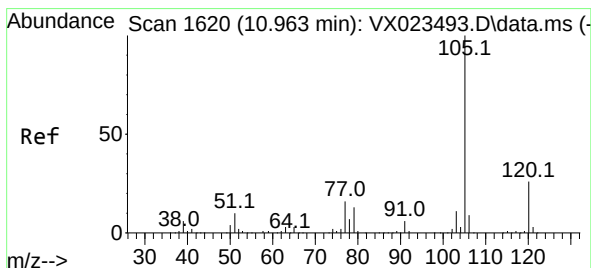
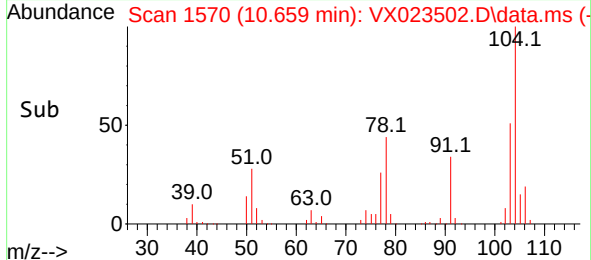
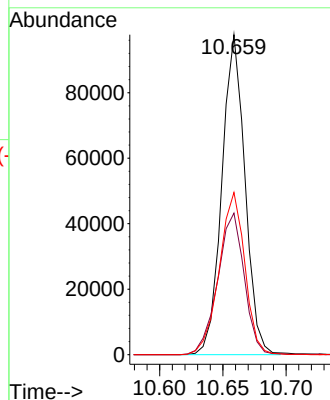
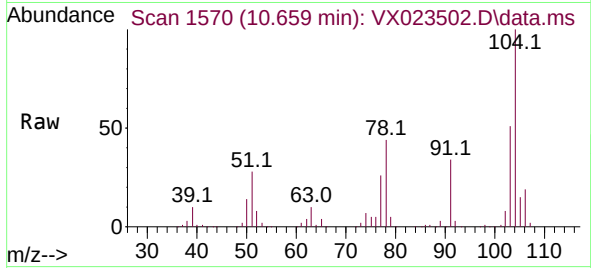




#69  
Styrene  
Concen: 18.018 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. 0.001 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

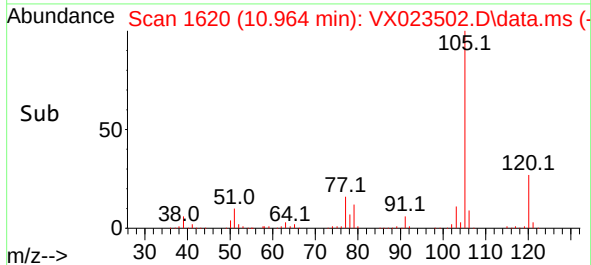
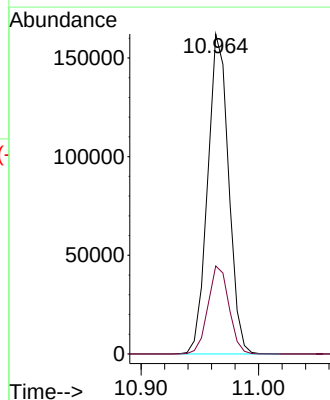
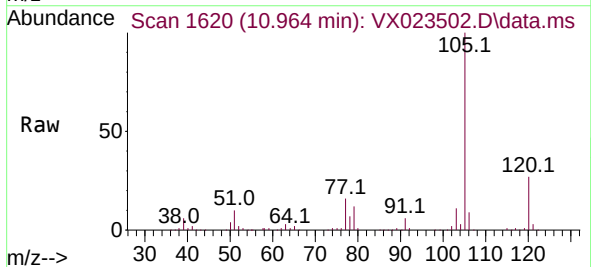
Instrument :  
MSVOA\_X  
ClientSampled :

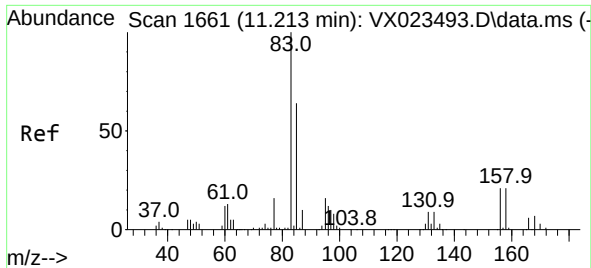
Tgt Ion:104 Resp: 123973  
Ion Ratio Lower Upper  
104 100  
78 50.9 41.4 62.0  
103 56.2 44.2 66.4



#70  
Isopropylbenzene  
Concen: 18.172 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. 0.001 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion:105 Resp: 200966  
Ion Ratio Lower Upper  
105 100  
120 27.5 18.7 34.7

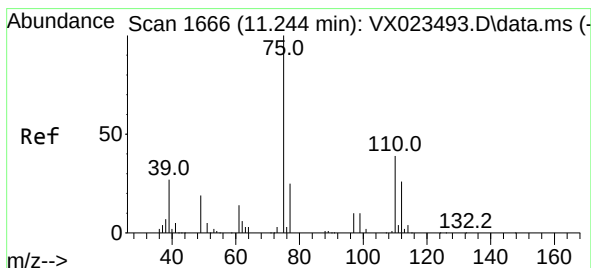
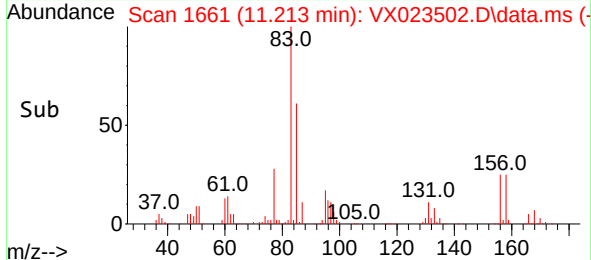
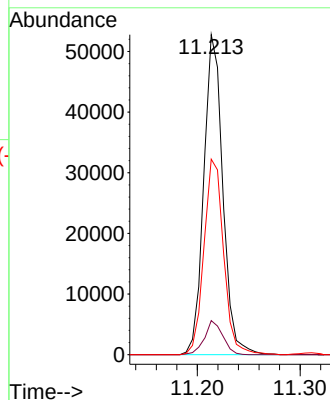
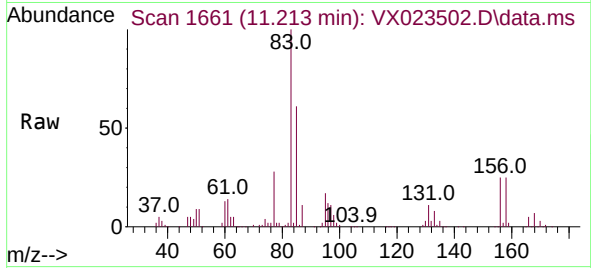




#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.182 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. 0.000 min  
 Lab File: VX023502.D  
 Acq: 28 Jul 2021 20:06

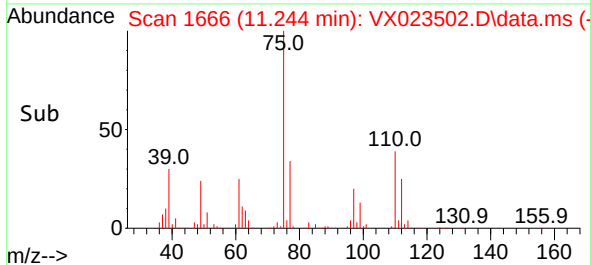
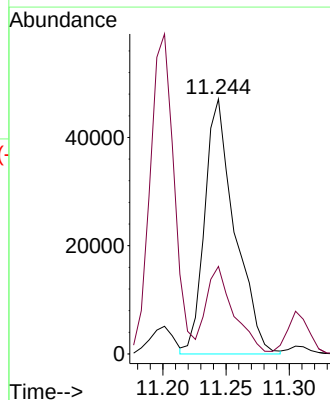
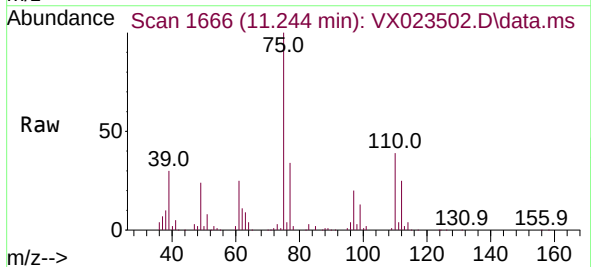
Instrument :  
 MSVOA\_X  
 ClientSampleId :

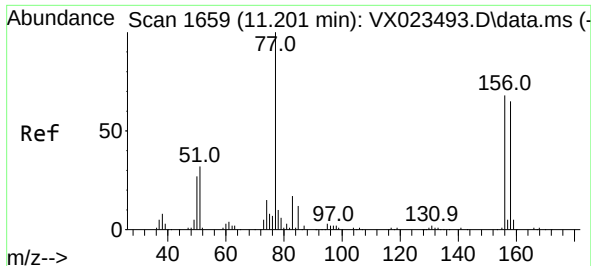
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 68029 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.2  | 5.1   | 15.4  |
| 85        | 63.2  | 32.4  | 97.2  |



#72  
 1,2,3-Trichloropropane  
 Concen: 23.726 ug/l  
 RT: 11.244 min Scan# 1666  
 Delta R.T. -0.000 min  
 Lab File: VX023502.D  
 Acq: 28 Jul 2021 20:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 78265 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 31.5  | 0.0   | 77.4  |

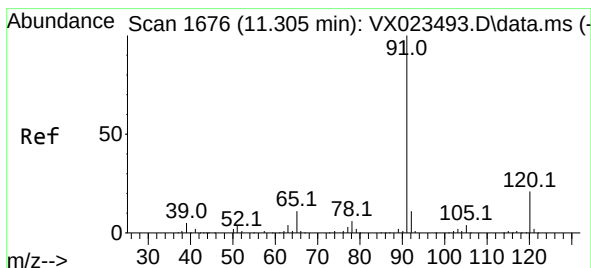
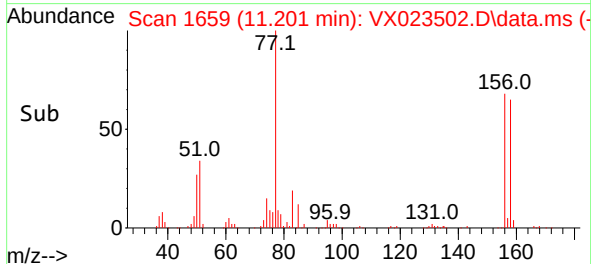
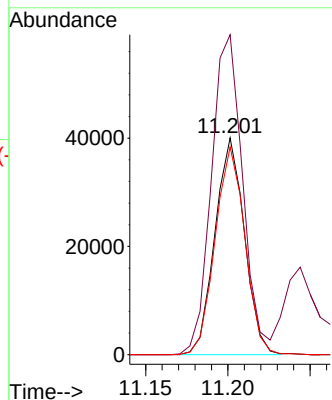
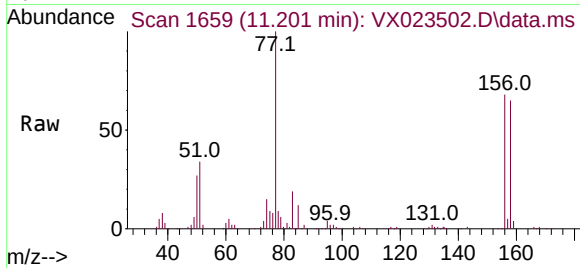




#73  
Bromobenzene  
Concen: 18.214 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

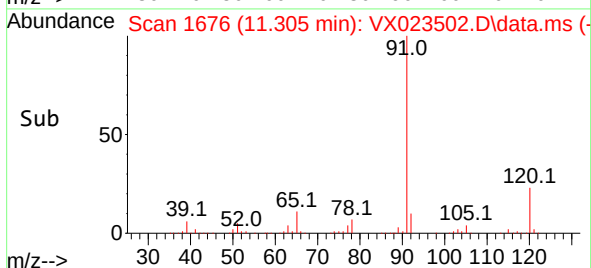
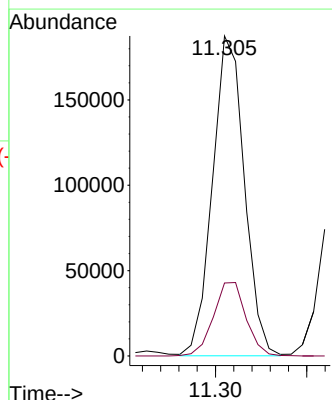
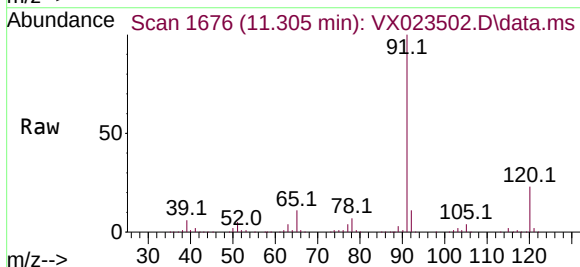
Instrument :  
MSVOA\_X  
ClientSampled :

Tgt Ion:156 Resp: 49974  
Ion Ratio Lower Upper  
156 100  
77 156.2 0.0 303.2  
158 96.8 0.0 197.2

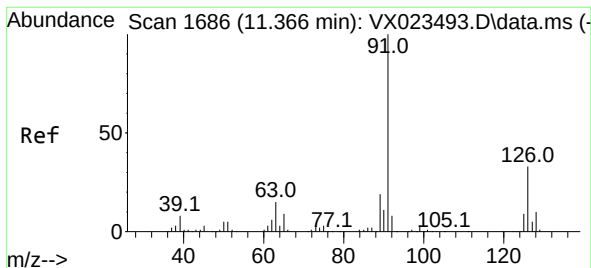


#74  
n-propylbenzene  
Concen: 17.806 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion: 91 Resp: 227343  
Ion Ratio Lower Upper  
91 100  
120 23.5 0.0 46.0



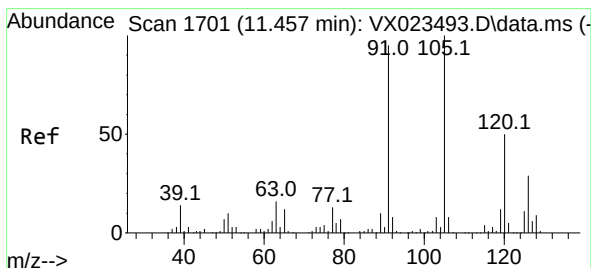
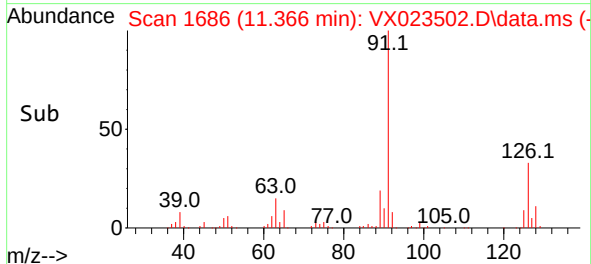
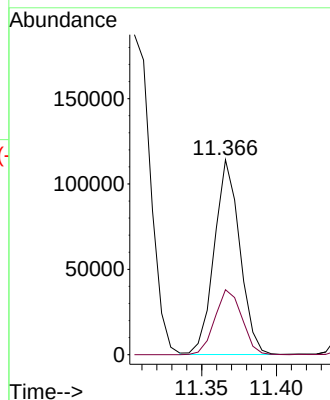
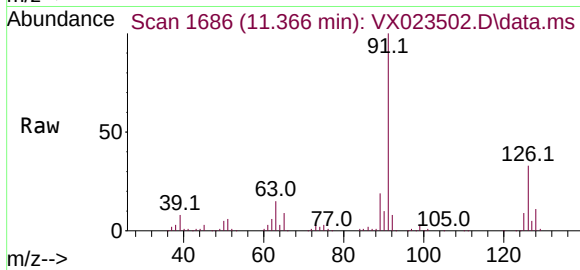




#75  
2-Chlorotoluene  
Concen: 17.738 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

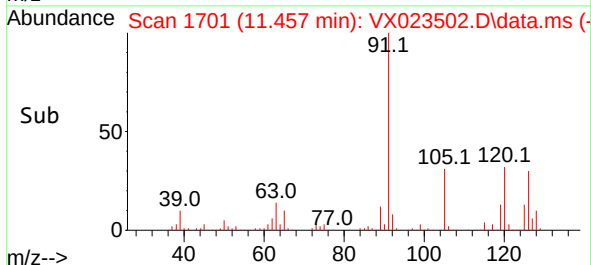
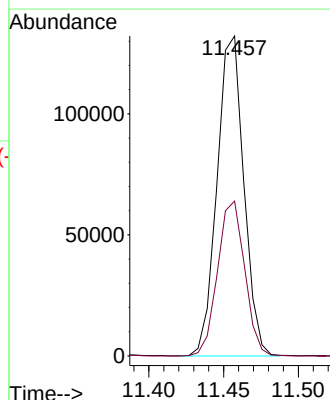
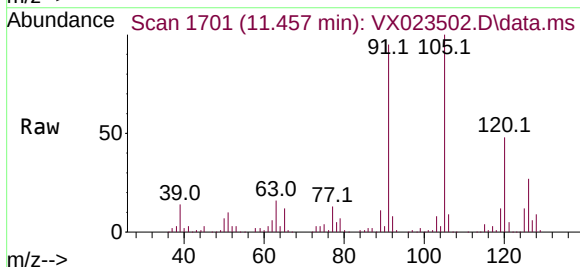
Instrument :  
MSVOA\_X  
ClientSampled :

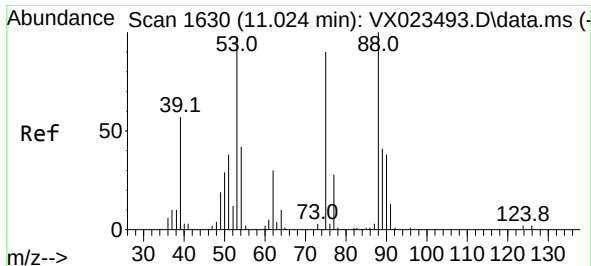
Tgt Ion: 91 Resp: 135701  
Ion Ratio Lower Upper  
91 100  
126 35.2 0.0 69.0



#76  
1,3,5-Trimethylbenzene  
Concen: 17.903 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion: 105 Resp: 164739  
Ion Ratio Lower Upper  
105 100  
120 49.0 0.0 98.0

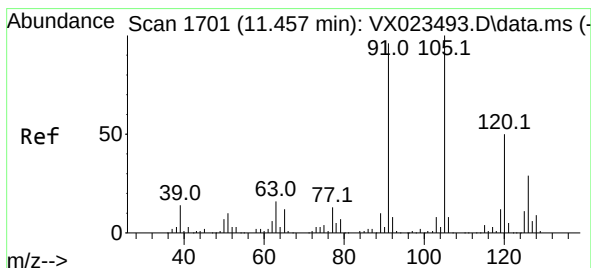
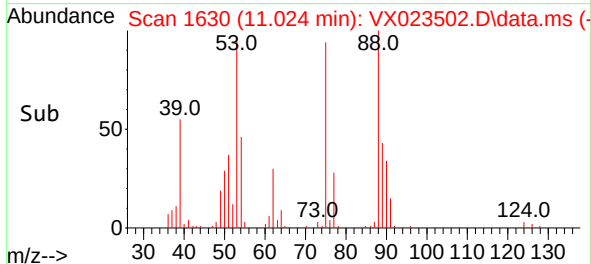
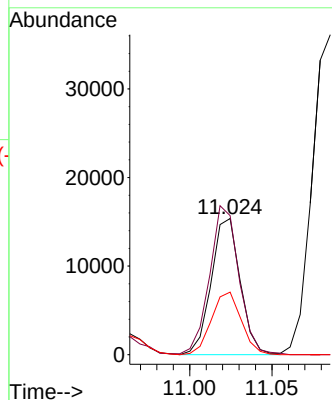
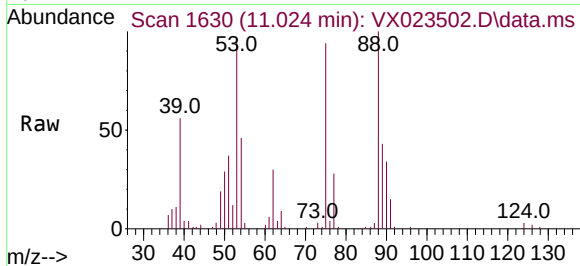




#77  
t-1,4-Dichloro-2-butene  
Concen: 16.464 ug/l  
RT: 11.024 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

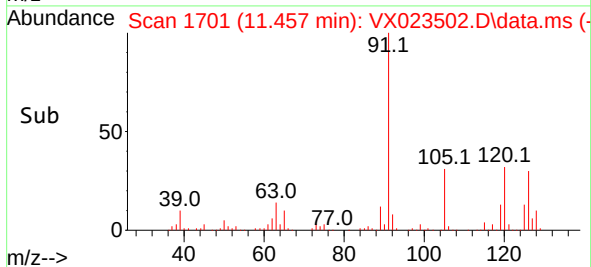
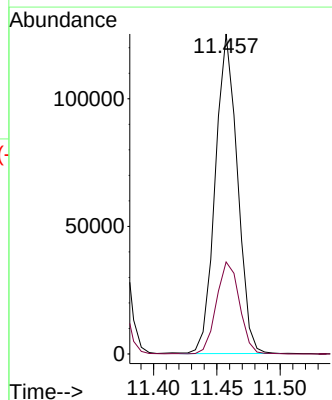
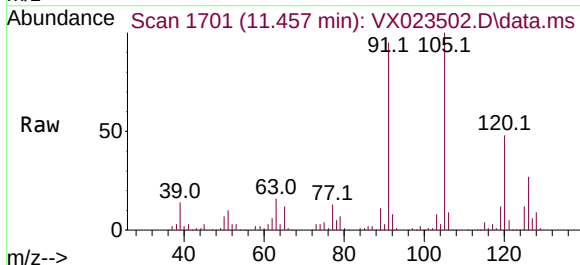
Instrument :  
MSVOA\_X  
ClientSampleId :

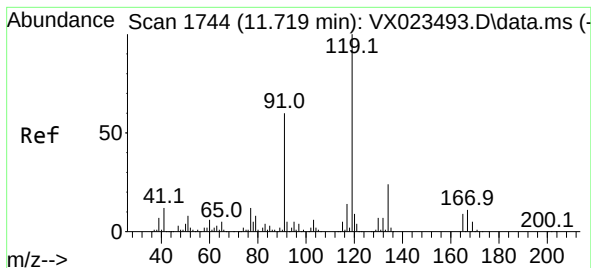
Tgt Ion: 75 Resp: 18899  
Ion Ratio Lower Upper  
75 100  
53 101.3 53.9 161.7  
89 46.0 22.9 68.7



#78  
4-Chlorotoluene  
Concen: 17.709 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion: 91 Resp: 152097  
Ion Ratio Lower Upper  
91 100  
126 30.0 0.0 59.6

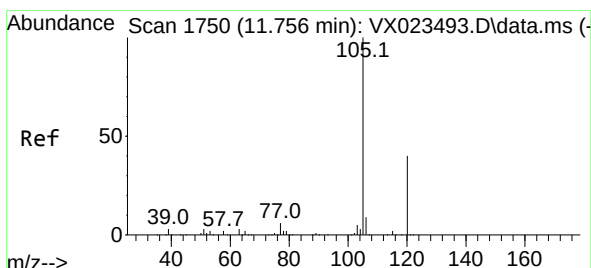
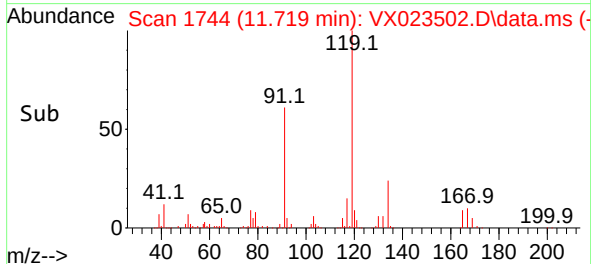
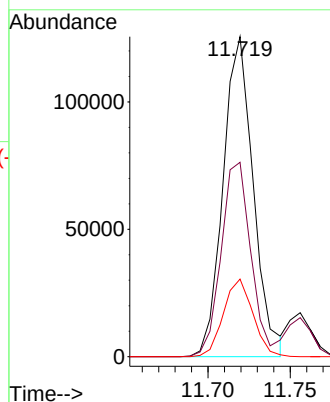
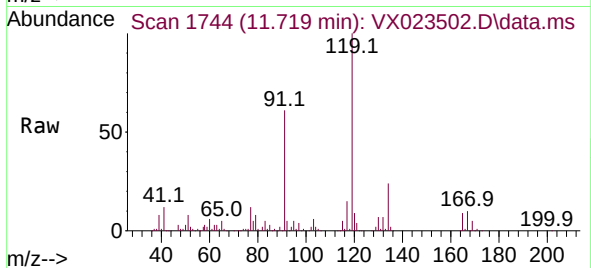




#79  
tert-butylbenzene  
Concen: 17.939 ug/l  
RT: 11.719 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

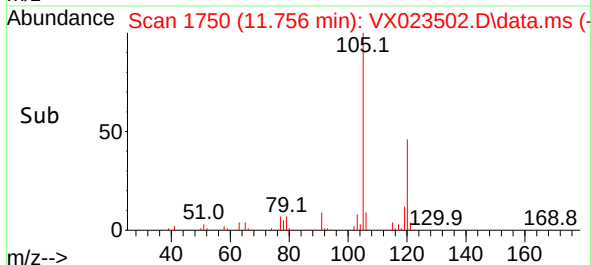
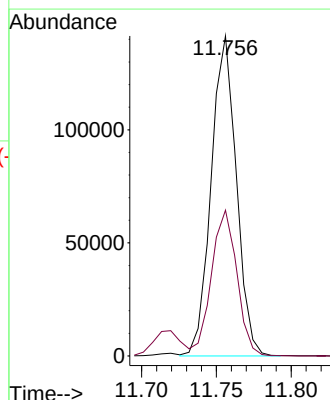
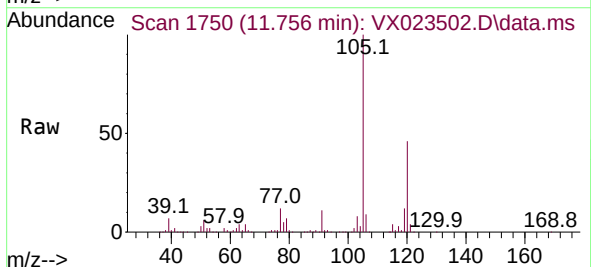
Instrument :  
MSVOA\_X  
ClientSampled :

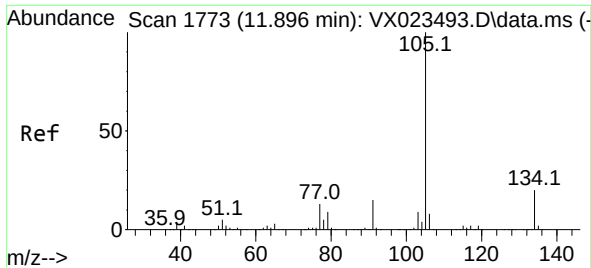
Tgt Ion:119 Resp: 160637  
Ion Ratio Lower Upper  
119 100  
91 59.3 0.0 121.2  
134 23.7 0.0 47.4



#80  
1,2,4-Trimethylbenzene  
Concen: 18.291 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion:105 Resp: 165840  
Ion Ratio Lower Upper  
105 100  
120 45.9 0.0 90.4

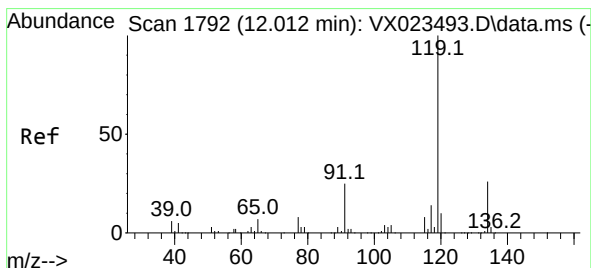
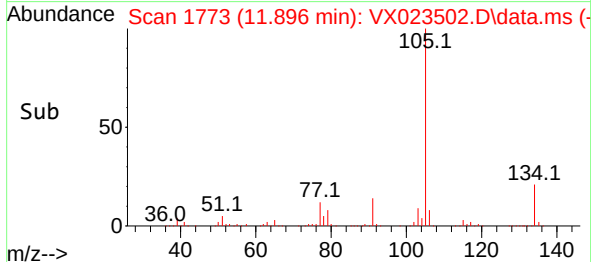
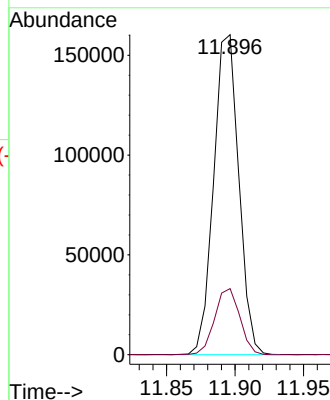
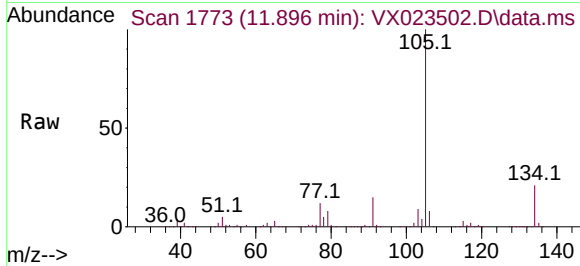




#81  
 sec-Butylbenzene  
 Concen: 17.859 ug/l  
 RT: 11.896 min Scan# 1773  
 Delta R.T. 0.000 min  
 Lab File: VX023502.D  
 Acq: 28 Jul 2021 20:06

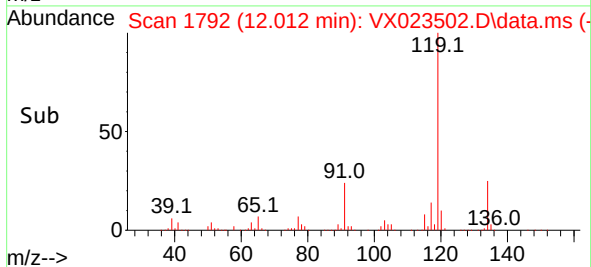
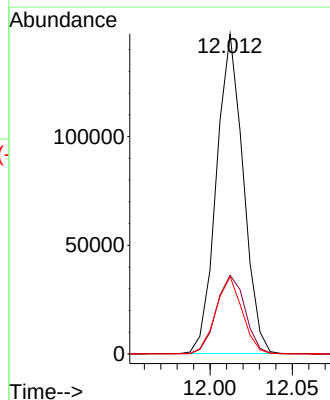
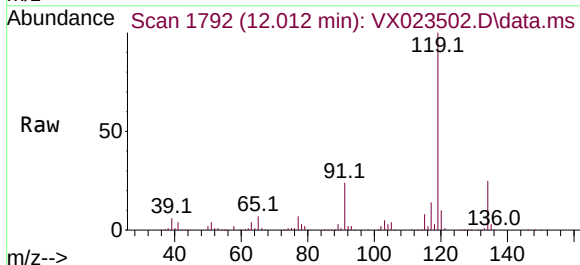
Instrument :  
 MSVOA\_X  
 ClientSampled :

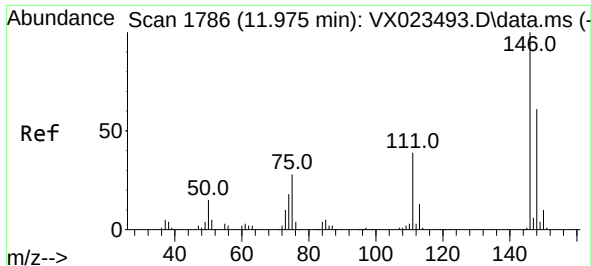
Tgt Ion:105 Resp: 204360  
 Ion Ratio Lower Upper  
 105 100  
 134 20.7 0.0 40.2



#82  
 p-Isopropyltoluene  
 Concen: 17.635 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX023502.D  
 Acq: 28 Jul 2021 20:06

Tgt Ion:119 Resp: 166602  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 0.0 52.8  
 91 23.9 0.0 48.6

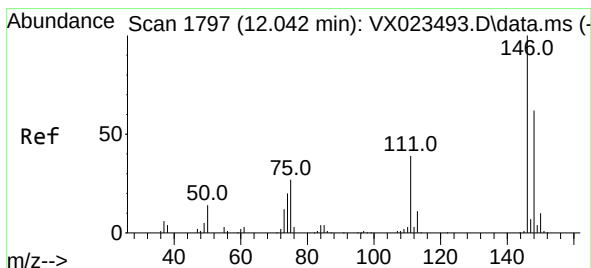
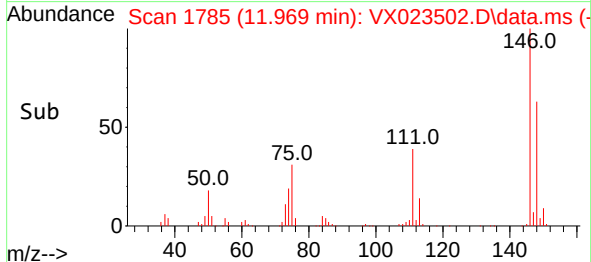
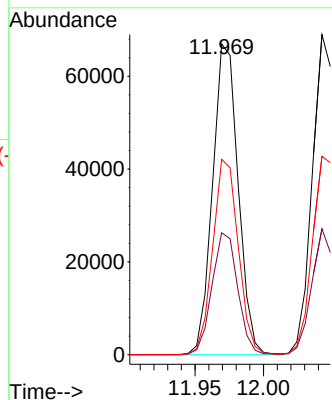
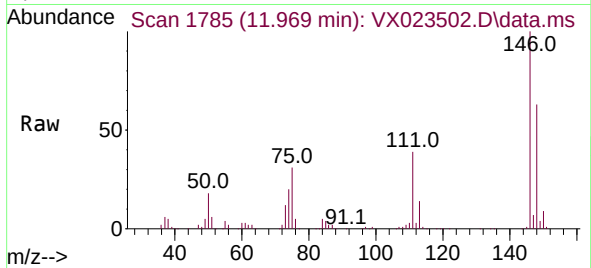




#83  
1,3-Dichlorobenzene  
Concen: 17.891 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.006 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

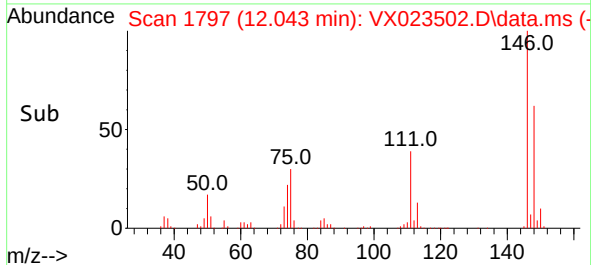
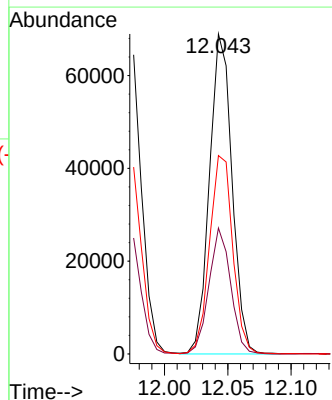
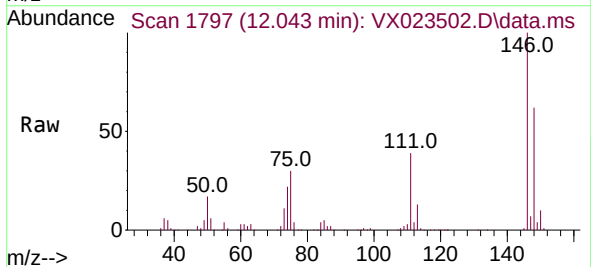
Instrument :  
MSVOA\_X  
ClientSampleId :

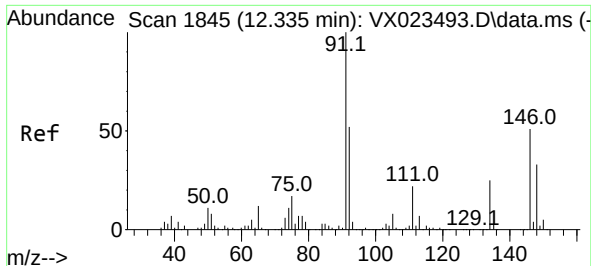
Tgt Ion:146 Resp: 86945  
Ion Ratio Lower Upper  
146 100  
111 39.6 20.1 60.2  
148 62.7 31.9 95.5



#84  
1,4-Dichlorobenzene  
Concen: 17.691 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. 0.001 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion:146 Resp: 85450  
Ion Ratio Lower Upper  
146 100  
111 38.1 18.9 56.9  
148 63.9 31.4 94.2

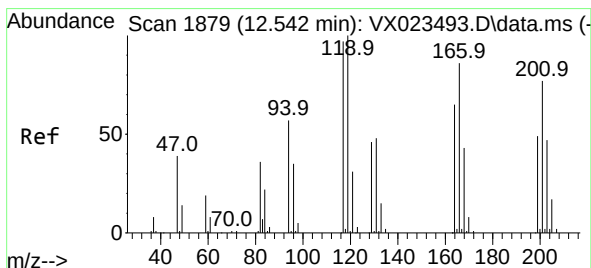
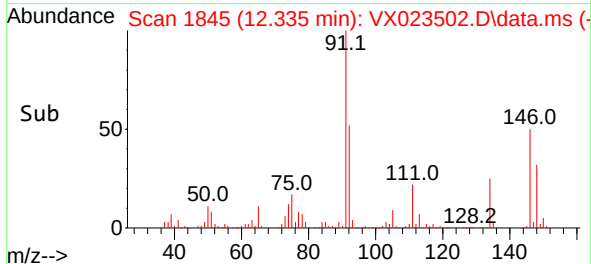
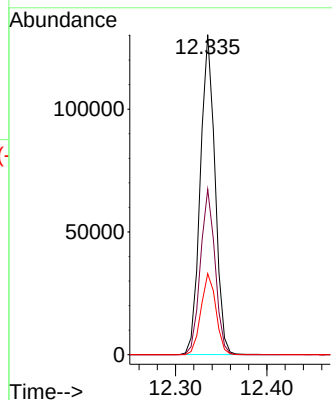
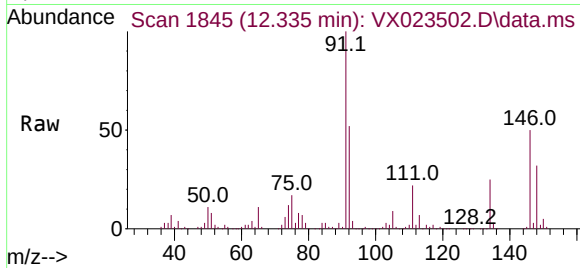




#85  
n-Butylbenzene  
Concen: 17.434 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

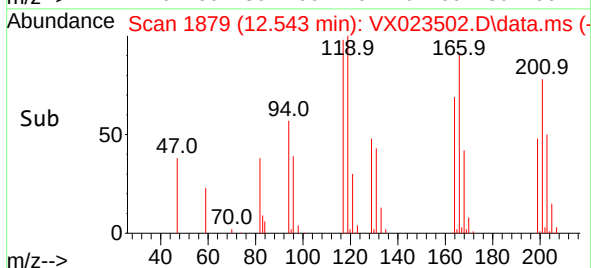
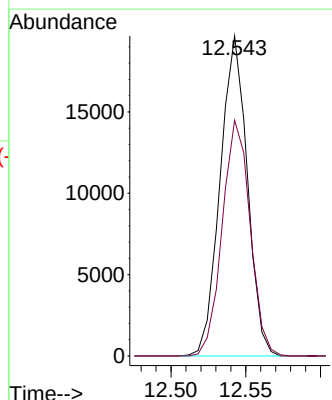
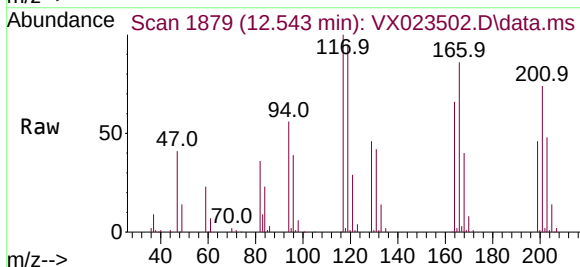
Instrument :  
MSVOA\_X  
ClientSampled :

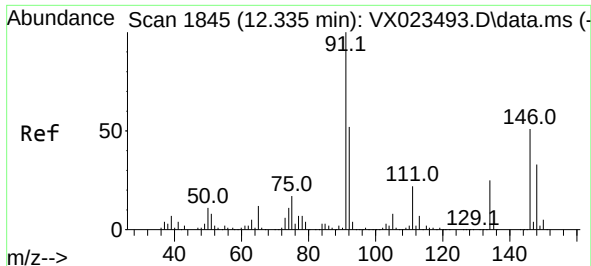
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 145639 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 51.5  | 0.0   | 105.4  |
| 134      | 25.7  | 0.0   | 52.4   |



#86  
Hexachloroethane  
Concen: 16.677 ug/l  
RT: 12.543 min Scan# 1879  
Delta R.T. 0.001 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 24815 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 75.5  | 37.5  | 112.5 |

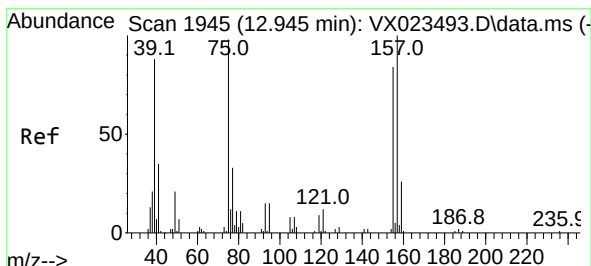
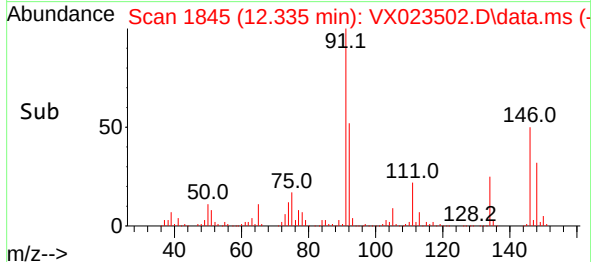
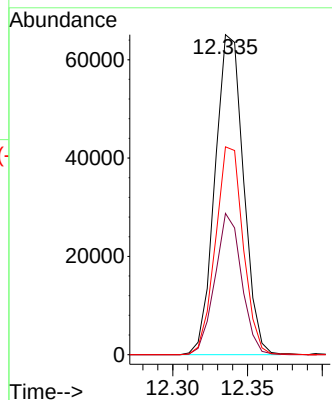
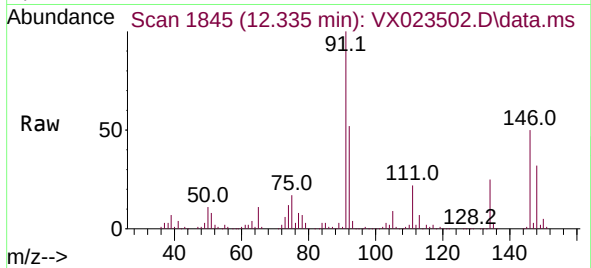




#87  
1,2-Dichlorobenzene  
Concen: 18.446 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

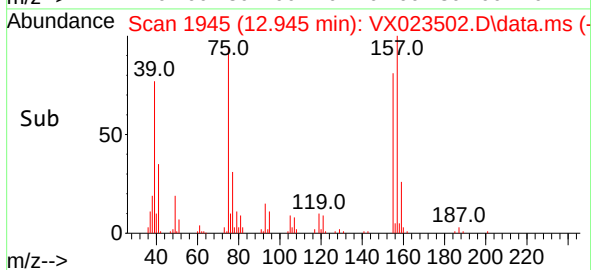
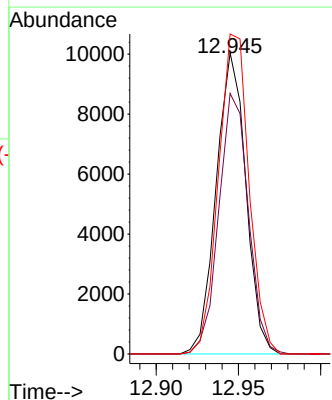
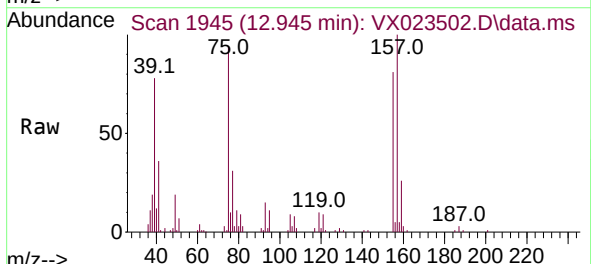
Instrument :  
MSVOA\_X  
ClientSampled :

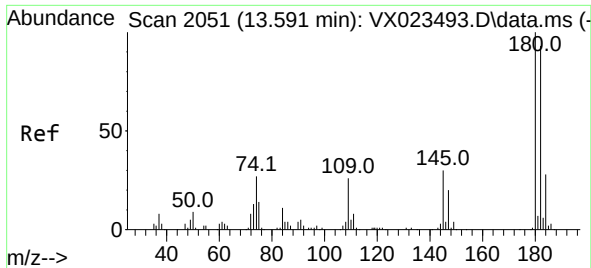
Tgt Ion:146 Resp: 86289  
Ion Ratio Lower Upper  
146 100  
111 41.3 20.7 62.1  
148 63.2 32.6 97.8



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 16.493 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion: 75 Resp: 12596  
Ion Ratio Lower Upper  
75 100  
155 86.2 67.4 101.2  
157 109.9 85.8 128.8

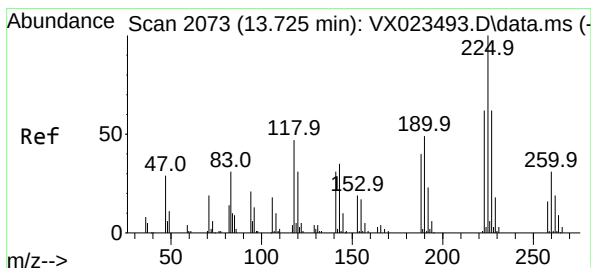
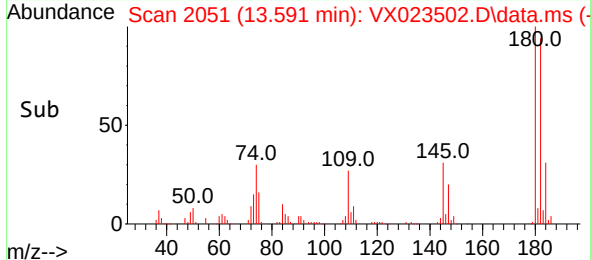
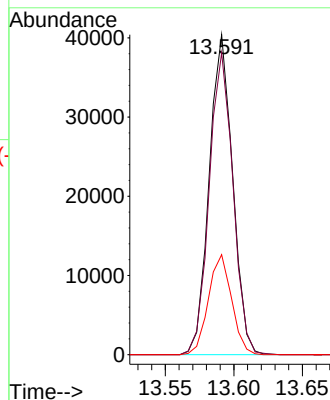
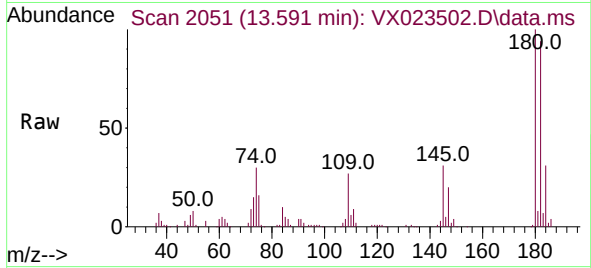




#89  
1,2,4-Trichlorobenzene  
Concen: 16.514 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

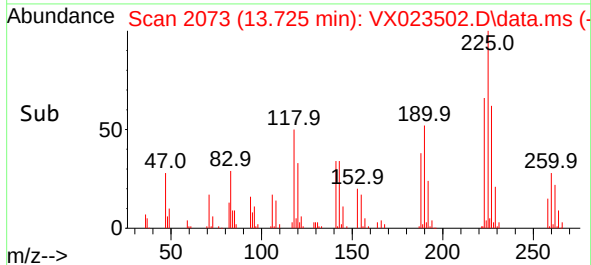
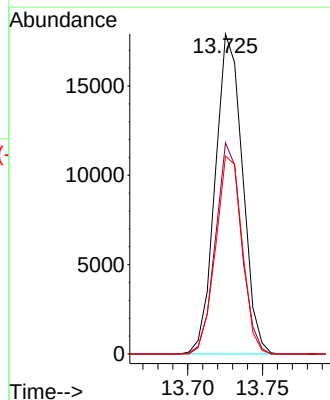
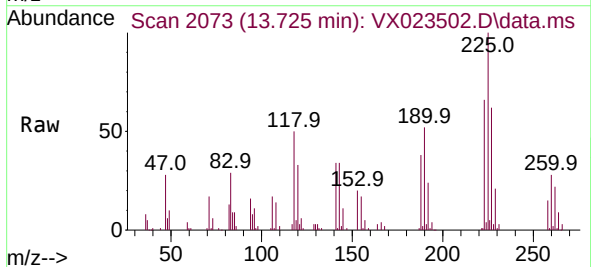
Instrument :  
MSVOA\_X  
ClientSampled :

Tgt Ion:180 Resp: 47992  
Ion Ratio Lower Upper  
180 100  
182 95.4 75.9 113.9  
145 31.0 24.2 36.4

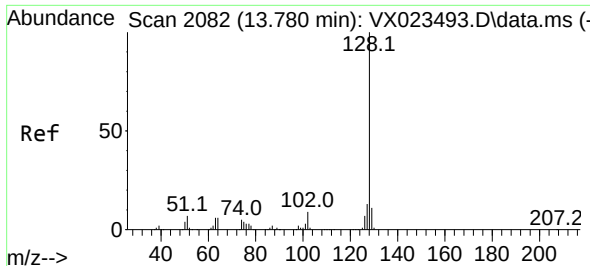


#90  
Hexachlorobutadiene  
Concen: 17.548 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion:225 Resp: 22719  
Ion Ratio Lower Upper  
225 100  
223 62.6 0.0 126.4  
227 60.1 0.0 125.0



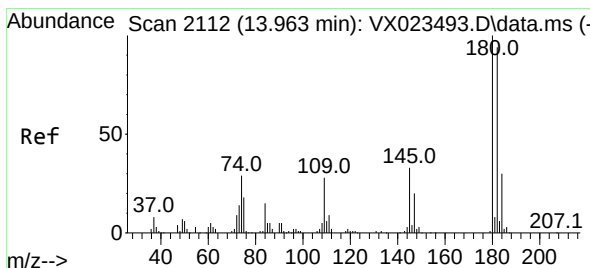
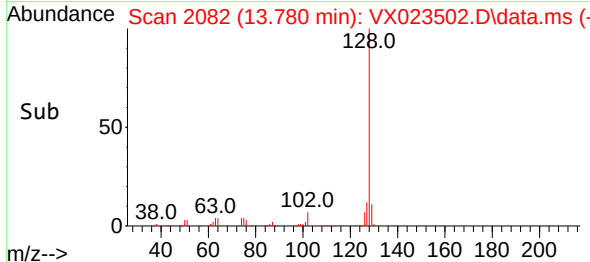
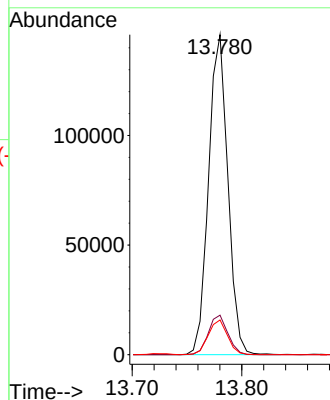
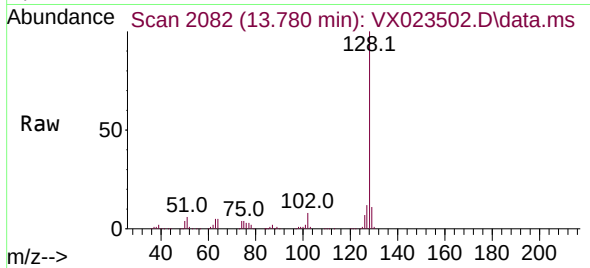




#91  
Naphthalene  
Concen: 17.642 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Instrument :  
MSVOA\_X  
ClientSampled :

Tgt Ion:128 Resp: 178273  
Ion Ratio Lower Upper  
128 100  
127 12.5 10.1 15.1  
129 10.9 8.6 12.8



#92  
1,2,3-Trichlorobenzene  
Concen: 17.173 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX023502.D  
Acq: 28 Jul 2021 20:06

Tgt Ion:180 Resp: 50503  
Ion Ratio Lower Upper  
180 100  
182 96.3 0.0 193.4  
145 33.1 0.0 64.4

